THE PANAMA CANAL RECORD

VOLUME 30

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THE PANAMA CANAL RECORD

PUBLISHED MONTHLY UNDER
THE AUTHORITY AND SUPER-
VISION OF THE PANAMA CANAL

AUGUST 15, 1936 TO JULY 15, 1937

VOLUME XXX
WITH INDEX

THE PANAMA CANAL
BALBOA HEIGHTS, CANAL ZONE
1937

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THE PANAMA CANAL RECORD

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Volume XXX. Balboa Heights, C. Z., August 15, 1936. No. 1.

Traffic Through the Panama Canal in July 1936

The total vessels of all kinds transiting the Panama Canal during the month of July 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	July 1934	July 1935	July 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	394	377	234	222	456
Local commercial vessels [1]	40	52	23	15	38
Noncommercial vessels:					
United States Government	45	26	17	9	26
Colombian Government	.....	2	2	.....	2
For repairs	4	2	.....	.....	.....
State of New York	.....	.....	1	.....	1
Total	483	459	277	246	523

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected, from the ocean traffic transiting the Canal each month for the 12 months ended July 31, 1936, as compared with the same period last year.

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
August	401	395	2,245,247	2,102,387	2,187,780	2,019,298	$1,906,821.39	$1,757,259.77
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	1,947,536.76	1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.30	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
Total	5,163	5,461	27,664,268	28,353,083	25,153,105	27,178,452	23,167,803.23	23,794,579.45

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for July 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	116	644,778	627,138	Norwegian	41	203,797	247,622
Chilean	1	3,465	3,658	Panamanian	15	44,945	75,118
Chinese	1	4,973	.....	Peruvian	[4] 3	1,640	1,518
Danish	11	44,483	48,407	Swedish	6	26,945	64,451
French	6	33,723	31,865	United States	176	983,399	975,578
German	24	102,354	116,353	Venezuelan	2	2,162	1,879
Greek	6	28,775	34,173	Yugóslav	2	10,864	19,370
Italian	3	21,396	7,678				
Japanese	24	138,677	135,046	Total	456	2,364,539	2,450,324
Netherlands	19	68,163	60,470				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes 2 naval vessels of 1,152 displacement tons.

Traffic by Trade Routes, July 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	65	387,881	264,286	56	315,268	412,672
East coast United States and:						
Canada	3	12,721	8,838	7	30,150	45,294
South America	15	66,366	16,294	17	71,989	166,656
Balboa	.....	.....	.....	1	5,156	.....
Hawaiian Islands	2	5,430	6,171	4	21,679	32,333
Australasia	4	25,153	19,781	1	5,432	8,510
Philippine Islands	9	53,852	51,222	18	97,178	123,300
Far East	27	151,093	173,779	5	30,552	25,226
Canadian intercoastal	2	8,975	8,500	1	4,725	6,900
East coast Canada and:						
South America	4	28,600	3,006	4	29,868	66,092
Australasia	3	13,500	11,484	1	5,568	1,925
Far East	1	6,588	6,375	.....	.....	.....
East coast Central America and Far East	1	5,029	8,039	.....	.....	.....
South American intercoastal	5	12,847	16,759	2	1,431	856
East coast South America and:						
United States	2	11,272	4,367	.....	.....	.....
Canada	2	9,337	10,588	1	4,997	5,530
Far East	1	5,821	4,466	.....	.....	.....
Cristobal and:						
United States	1	5,761	.....	1	5,761	11,815
Central America	4	4,088	4,041	4	4,088	1,838
South America	10	6,036	2,636	13	8,593	9,139
West Indies and:						
United States	4	19,559	.....	4	22,674	43,645
South America	1	4,850	9,774	2	11,533	22,386
Balboa	1	1,081	1,879	1	1,081	.....
Europe and:						
United States	8	35,730	32,957	5	26,692	51,480
Canada	31	177,264	49,466	30	162,060	233,216
South America	17	100,880	38,373	25	144,629	248,529
Central America	.....	.....	.....	1	3,467	1,194
Hawaiian Islands	.....	.....	.....	2	12,692	26,724
Australasia	7	57,512	35,454	9	61,302	58,858
Egypt and South America	.....	.....	.....	4	19,896	37,390
Around the world	3	27,191	12,982	1	7,049	7,299
Foreign vessels in ballast (United States intercoastal)	1	4,612	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[5] 2	.....	.....
Total	234	1,249,029	801,517	222	1,115,510	1,648,807

[5] Naval.

Origin and Destination of Cargo by Major Areas, July 1936

The following table summarizes the origin of cargo passing through the Canal in July 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	280,299	16,941	218,440	13,096	23,862	552,638
Other North America	5,937	10,062	8,118	21,842	19,523	65,482
Europe	67,062	14,756	.....	34,645	31,373	147,836
Miscellaneous	13,617	2,362	2,878	16,540	.....	35,397
Total	366,915	44,121	229,436	86,123	74,758	801,353

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	413,871	64,233	95,912	4,657	578,673
Canada	39,155	13,005	182,020	4,868	239,048
Other North America	32,348	2,009	28,569	.....	62,926
South America	163,753	103,256	246,627	37,410	551,046
Australasia	10,060	533	58,700	.....	69,293
Asia	145,040	2,781	.....	.....	147,821
Total	804,227	185,817	611,828	46,935	1,648,807

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during July 1936 or July 1935 are listed below:

Commodity	July		Commodity	July	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Automobiles and parts	18,193	23,296	Coffee	12,232	11,039
Canned goods, various	9,053	12,142	Cold storage (food products) [6]	10,710	22,103
Coal and coke	10,595	11,810	Copra	14,219	15,273
Iron and steel	101,744	150,042	Cotton, raw	16,200	12,924
Machinery	8,364	13,219	Flour	26,971	19,687
Metals, various	19,954	12,636	Fruit, dried	18,183	9,474
Oils, mineral	45,527	59,104	Fruit, fresh [7]	30,068	5,980
Ores	15,951	29,670	Lumber	89,315	263,316
Paper	34,400	36,054	Metals, various	49,584	54,440
Phosphates	18,656	33,452	Molasses and syrups	19,698	27,426
Railroad material	10,946	1,112	Nitrates	58,289	92,584
Scrap metal	86,341	116,947	Oats	4,497	12,718
Sugar	11,678	2,670	Oils, mineral	226,929	435,966
Sulphur	9,934	26,014	Oils, vegetable	14,626	19,543
Textiles	9,342	16,278	Ores (principally iron)	100,416	175,456
Tinplate	23,950	20,187	Sugar	121,848	153,037
			Wheat	83,504	97,154
Pacific to Atlantic			Wool	11,694	7,519
Asphalt and tar	2,114	11,335	Wood pulp	7,558	12,150
Canned goods, various	52,623	53,568			

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of July 1936, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	38	10
Agricultural implements	658	72	3,609	77
Alfalfa meal	.....	507	.....	657
Ammonium compounds	396	15	7,925	876
Animal foods [8]	21	99	71	99
Apparel, wearing (hats, shoes, clothing, etc.)	492	7	492	26
Asbestos	468	.....	2,798	.....

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Asphalt and tar	283	10,573	9,950	11,335
Automobiles (and autotrucks)	5,103	24	15,700	39
Automobile parts and accessories	595	108	7,596	168
Bags and bagging, textile	149	.....	505	224
Bamboo and products	.....	8	.....	227
Bananas	.....	.....	.....	1,656
Barks, miscellaneous	30	124	367	458
Barley	29	95	29	9,464
Beans, edible, dry	145	2,971	226	7,845
Beer	285	.....	366	15
Beverages, nonalcoholic	347	.....	361	.....
Blood and tankage	.....	.....	1,613	78
Bones and bone meal	138	155	2,156	305
Books and printed matter	39	.....	50	.....
Borax	22	2,121	42	7,881
Bran and pollards	.....	46	.....	956
Bricks and tile	591	57	1,041	57
Camphor, crude	.....	.....	.....	85
Canned and preserved goods:				
Fish	590	8,661	964	11,654
Fruit	1,119	20,998	1,204	34,270
Meat	95	128	2,008	255
Milk	100	106	487	517
Soup	2,111	.....	2,142	.....
Vegetables	639	2,953	726	3,345
Miscellaneous and unclassified	4,079	2,968	4,611	3,527
Carbon black	35	.....	705	.....
Celite	.....	404	.....	404
Cement	439	.....	9,583	.....
Chalk	.....	.....	1,148	.....
Charcoal	98	.....	168	.....
Chemicals [8]	4,779	885	9,169	1,402
Clay, china and fire	184	295	1,271	363
Clay, filtering	115	176	121	266
Coal	2,315	.....	3,333	.....
Cocoa and cacao beans	246	.....	1,070	1,511
Coconuts and products [8]	.....	1,052	10	1,197
Coffee	67	54	5,344	11,039
Coke	.....	.....	8,477	.....
Cold storage and refrigerated products:				
Dairy products	148	115	252	11,963
Eggs	6	108	6	150
Fish	35	.....	47	345
Lard	278	240	414	311
Meats	101	.....	201	8,611
Poultry	222	.....	.....	222
Vegetables	141	.....	141	46
Other and unclassified	53	.....	56	455
Confectionery	1,130	.....	1,210	.....
Copra	.....	.....	3	12,098
Copra meal and cake	.....	.....	11	3,175
Corn	50	.....	2,050	.....
Cotton, raw	81	1,014	9,188	12,924
Creosote	30	.....	8,904	.....
Drugs and medicines	1,390	165	1,496	165
Dyes	.....	.....	162	.....
Earthenware	20	2	89	2
Eggs, dried	6	86	6	396
Electrical apparatus and appliances	610	300	627	341
Explosives	33	.....	221	.....
Extract, quebracho	.....	.....	897	.....
Fertilizers [8]	70	145	1,250	145
Fish, salted and dry-cured	5	.....	5	.....
Fish meal	.....	90	4	341
Floor coverings	1,633	747	1,892	1,021
Flour	391	17,883	1,258	19,687
Fruit, dried	126	5,333	158	9,474
Fruit, fresh [8]	.....	3,389	.....	5,980
Furniture and household goods	517	163	536	164
General	26,148	8,015	56,753	14,315
Glass and glassware	2,871	174	5,721	1,141
Glue	164	50	169	58
Groceries	503	23	666	707
Guano	.....	.....	.....	5,350
Gums	.....	21	5	165
Hair, all kinds	59	39	82	181
Hay	.....	31	.....	53
Hemp, unmanufactured	.....	.....	36	1,000
Honey	.....	99	.....	429
Horns and hoofs	.....	.....	29	25

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Infusorial earth	.....	601	.....	1,302
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	106,899	1,234	150,042	1,360
Ivory nuts	.....	1	431	2,285
Jute, unmanufactured	269	.....	420	.....
Lard substitute	193	180	194	195
Lime	21	.....	54	.....
Liquors	2,683	276	3,993	279
Lumber (including manufactured mill products)	2,256	132,886	4,430	263,316
Machinery	5,769	1,298	13,219	1,461
Malt	.....	.....	981	.....
Manufactured goods [8]	2,797	142	4,042	2,310
Marble and granite	56	.....	422	.....
Matches	424	185	490	185
Metals:				
Antimony	20	.....	20	268
Chrome	26	.....	26	.....
Copper	119	13,191	2,924	35,211
Gold and silver	.....	.....	.....	8
Iron	1,178	.....	5,827	.....
Lead	76	468	1,373	9,249
Tin	58	30	372	1,308
Zinc	124	4	1,438	7,509
Other and unclassified	106	53	656	887
Milk, powdered	.....	186	8	200
Molasses and syrups	314	.....	403	27,426
Nitrates	4,277	.....	4,510	92,584
Nuts, edible (including meats)	22	18	380	77
Oats	24	798	32	12,718
Oils, mineral:				
Crude	131	.....	131	181,546
Gas and fuel	13	.....	22,127	54,924
Gasoline, benzine, and naphtha	143	85,875	4,274	167,734
Kerosene	.....	20,196	236	30,335
Lubricating greases	23,216	1,079	32,229	1,427
Other and unclassified	27	.....	107	.....
Oils, vegetable:				
Coconut	.....	493	.....	7,701
Cottonseed	66	.....	2,139	.....
Linseed	104	.....	183	.....
Olive	.....	60	431	60
Peanut	15	.....	15	727
Rapeseed	.....	699	54	799
Wood	.....	96	65	4,299
Other and unclassified	234	199	329	5,957
Oil, fish	.....	863	166	899
Oil, whale	.....	.....	22	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	13	1,157	1,114
Oilseed cake and meal	1,253	.....	1,253	3,823
Ores:				
Antimony	.....	.....	.....	371
Chrome	.....	.....	.....	23,027
Copper	.....	.....	.....	787
Gold and silver	.....	.....	24,083	737
Iron	.....	.....	55	132,000
Lead	.....	.....	.....	4,005
Magnesite	.....	321	5	321
Manganese	410	1,174	421	1,229
Tin	.....	.....	40	4,007
Zinc	23	.....	23	8,765
Other and unclassified	228	75	5,043	207
Paints and varnishes	1,860	131	4,140	176
Paper and paper products [8]	11,122	5,141	35,974	8,938
Paper scrap	.....	144	80	144
Peanuts	324	.....	324	.....
Peas, dry	75	.....	77	254
Peatmoss	21	.....	934	.....
Phosphates	804	34	33,452	6,334
Plaster	.....	.....	21	.....
Porcelainware	595	145	1,076	3,429
Potash	.....	3,888	2,571	4,066
Rags and waste	.....	169	623	994
Railroad material	125	.....	1,112	.....
Rice	57	81	437	1,847
Rope and twine	193	.....	320	38
Rosin	2,151	.....	6,174	.....
Rubber:				
Manufactured	766	270	1,352	484
Raw	16	.....	22	6,007
Scrap	.....	26	115	93

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Salt	260	266	2,731	266
Sand	1,563	.....	5,586	200
Scrap metal	564	100	116,947	2,998
Seeds (except oilseeds)	30	152	427	1,321
Shells, oyster	890	.....	1,776	26
Silk, raw	.....	149	50	971
Skins and hides	.....	568	711	4,182
Slag	.....	.....	934	.....
Slate	1,356	.....	1,356	.....
Soaps and products	1,387	34	1,520	132
Soda and sodium compounds:				
Soda ash	443	.....	466	111
Soda, caustic	68	.....	752	46
Miscellaneous and unclassified	158	.....	255	3,133
Soy beans	146	.....	146	.....
Sugar	.....	27,808	2,670	153,037
Sulphur	20,249	.....	26,014	51
Talc	54	30	54	53
Tallow	.....	1,421	.....	3,206
Tea	62	10	152	405
Textiles [9]	5,540	289	16,278	4,880
Tinplate	4,772	21	20,187	146
Tobacco and manufactures	5,452	16	8,001	91
Toilet preparations	158	10	409	24
Turpentine	45	.....	532	.....
Vegetables, dry [8]	.....	180	13	920
Wall board	317	.....	754	707
Wax, paraffin	237	.....	1,183	267
Wheat	.....	1,920	45	97,154
Wines	1,104	772	1,253	1,340
Wood pulp	244	8,521	7,727	12,150
Wool	116	4,765	324	7,519
Total, July 1936	280,299	413,871	801,353	1,648,807
Total, July 1935	190,494	290,248	649,105	1,128,710
Total, July 1934	161,322	324,032	593,822	1,341,740

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of July 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	11	59,829	14,640	10	60,483	[10] 116,509
East coast United States and:						
South America	1	6,467	.....	.....	.....	.....
Balboa	.....	.....	.....	1	5,156	.....
Philippine Islands	.....	.....	.....	1	3,902	[11] 6,685
East coast Canada and South America	3	24,355	.....	4	29,868	66,092
South American intercoastal	2	9,733	13,949	.....	.....	.....
Cristobal and:						
United States	1	5,761	.....	1	5,761	11,815
West Indies and:						
United States	3	16,785	.....	4	22,674	43,645
South America	1	4,850	9,774	2	11,533	22,386
Balboa	1	1,081	1,879	1	1,081	.....
Europe and:						
United States	1	4,497	[12] 8,874	5	26,692	51,480
South America	4	22,278	.....	10	63,887	133,050
Hawaiian Islands	.....	.....	.....	2	12,692	[13] 26,724
Total	28	155,636	49,116	41	243,729	478,386

[10] 10,450 tons Petrolastic asphalt. [11] Coconut oil. [12] Creosote. [13] Molasses.

Comparison of Canal Traffic in July 1936, with July Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of July			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	160	[14] 542	715	1915	[15] 100	361	466
1916	137	481	623	1916	60	199	258
1917	174	556	664	1917	145	483	588
1918	161	496	584	1918	165	547	627
1919	153	510	568	1919	162	510	576
1920	216	855	866	1920	199	712	781
1921	195	810	709	1921	232	950	966
1922	248	1,128	1,211	1922	222	951	907
1923	465	2,309	2,338	1923	325	1,550	1,631
1924	412	2,035	2,097	1924	429	2,179	2,249
1925	403	1,950	1,960	1925	382	1,904	1,996
1926	445	2,154	2,185	1926	424	2,064	2,169
1927	492	2,405	2,449	1927	441	2,184	2,311
1928	492	2,317	2,291	1928	521	2,453	2,468
1929	512	2,467	2,597	1929	524	2,485	2,554
1930	473	2,438	2,401	1930	502	2,497	2,502
1931	394	2,109	1,865	1931	447	2,314	2,089
1932	299	1,675	1,259	1932	364	1,968	1,650
1933	382	2,050	1,698	1933	347	1,900	1,513
1934	394	2,177	1,934	1934	436	2,379	2,059
1935	377	2,036	1,778	1935	432	2,317	2,109
1936	456	2,365	2,450	1936	449	2,335	2,209
				([16])	480	2,464	2,385

[14] Canal opened August 15, 1914. [15] Average for 10½ months. [16] Average 7 months of calendar year 1936.

Terminal Activities

Ships repaired during the month of July 1936 numbered 44; of this number 5 were drydocked. Fuel oil in the quantity of 260,597 barrels was delivered as bunkers to 109 commercial ships. Bunker coal amounting to 2,690 tons was delivered to 11 commercial ships. Sales of commissary supplies to ships aggregated $58,263.00.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving.....tons..	21,602	13,546	35,148
Local cargo shipped.....tons..	4,221	1,119	5,340
Cargo received for transshipment.....tons..	37,045	1,444	38,489
Cargo transshipped.....tons..	35,747	789	36,536
"Canal Zone for Orders" cargo:			
Number of receipts issued.....	8	1	9
Number of releases issued.....	32	6	38
Tons received.....	56	5	61
Tons withdrawn.....	78	3	81

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	509	3,166,108	1,863,868	486	2,966,357	1,761,375
Vessels entering port but not transiting Canal.	52	321,688	176,117	8	43,952	24,223
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	129	790,841	457,934	88	615,402	350,838
Ships clearing						
All vessels, including those transiting Canal..	516	3,226,845	1,901,092	487	2,963,963	1,763,499
Vessels clearing port but not transiting Canal.	52	328,525	178,630	6	41,317	22,623
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	132	818,874	476,876	89	621,225	354,520

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, July 15, 1936, to midnight, August 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Tosca, 7, 0
Bodegraven, 168, 66
Hindenburg, 4, 542
San Jose, 206, 60
Guayaquil, 1,469, 629
San Simeon, 119, 1¼
Veragua, 23, 13
Nebraska, 160, 152
Weser, 17, 36
Ario, 10,289, 0
Santa Marta, 304, 262
Manizales, 48, 173
Clio, 446, 141
Grenland, 746¼, 1,776
Colombia, 188, 22
Nuernberg, 44, 137
Wales Maru, 687, 0
Cacique, 225, 311
Ulua, 519, 96
Haiti, 185, 800
Durazzo, 1,016, 144
Kwanto Maru, 684, 225
Trois Ilets, 0, 27
Santa Isabel, 20, 275
Atlantian, 174, 16
Cordillera, 27, 778
Virgilio, 70, 190
Istmo, 703, 250
Canada, 138, 143
Veragua, 65, 589½
Santa Rosa, 167, 23
Arizona, 926, 0
Elbe, 1,267, 282
Fella, 47, 0
Contessa, 109, 145
Nictheroy, 78, 9
Syra, 11 pkgs., 618½
Acajutla, 317¼, 937
Santa Clara, 310, 49
Santa Lucia, 690, 271
Geisha, 35, 175
Cristobal, 2,163, 572
Hardanger, 2, 0
San Diego, 63, 39
Nagara Maru, 1,296, 0
Breda, 110, 280
Pasajero, 0, 2½
San Bernardino, 133, ½
Santa Paula, 165, 78
Buffalo Bridge, 754, 0
Quirigua, 134, 20
Sixaola, 630, 362
Margaret Lykes, 180, 161
Ino, 183, 72
Calamares, 455, 160
Pastores, 319, 716
Colombia, 11, 400
Cali, 931, 185
West Ira, 44, 0
Juan Sebastian Elcano, 233, 149
Stella, 0, 3
Lautaro, 2, 257
Trois Ilets, 163, 0
Tai Ping Yang, 687, 0
Real, 0, 37
Quirigua, 17, 347
Cumbal, 297, 0
Paula, 163, 0
Ammon, 219, 47
Alabama, 362, 683
San Marcos, 292, 0
Istmo, 685, 260
Mayan, 407¼, 0
Reina del Pacifico, 74, 82
Cellina, 43, 578
Damsterdijk, 220, 0
Cefalu, 57, 461
Santa Rita, 172, 10
Roda, 158, 405½
Portland, 151, 50
De La Salle, 90, 1,476
Santa Inex, 253, 259
Peten, 196, 17
Munchen, 42, 113
Granville, 8, 128
Tivives, 1,317, 321
Clio, 471, 163
Cali, 3, 296
Narenta, 116, 140
Commissaire Ramel, 0, 17
Orotava, 111, 0
Toloa, 689, 81
Colombia, 130, 935
Buenaventura, 1,186, 700
Chimu, 50, 239
Venice Maru, 856, 0
Jefferson Myers, 319, 9½
Axel Johnson, 283, 1
Emergency Aid, 426, 214
Lobos, 104, 6
Hokkai Maru, 1,215, 100
R. L. Hustler, 1½, 0
Peten, 54, 515
Santa Elena, 178, 9
President Pierce, 152, 0
Trois Ilets, 196, 25
Abraham Lincoln, 13, 0
Sanyo Maru, 0, 300
Manizales, 1,225, 27
Contessa, 341, 271
Chancellor, 249, 0
Norfolk, 95, 0
Salvador, 570, 575
Santa Barbara, 770, 76
Santa Clara, 605, 528
Orduna, 71, 318
Venezuela, 116, 23
Ancon, 4,402, 1,035
Istmo, 716, 552
Mayan, 0, 706
Gertrude Maersk, 617, 0
Bullmouth, 10,232, 0
Santa Rosa, 97, 120
Veragua, 150, 7
Katsuragi Maru, 389, 0
Annie Johnson, 0, 363
Karnak, 224, 3
Metapan, 692, 533
San Angelo, 209, 1½
Kreta, 0, 1,311
Tuira, 50, 87
Ruth Lykes, 380, 350
Haiti, 272½, 682
Ulua, 464, 634
Wyoming, 256, 492
Boskoop, 183, 480½
Venezuela, 1, 504
Ino, 524, 76
Cerigo, 1,205, 259
Hermonthis, 37, 4½
Real, 29, 86
Cacique, 588, 0
Veragua, 11, 1,004
Caribia, 212, 21
City of Canberra, 88, 903
Oregon, 99, 140
Bennekom, 12, 12
Chipana, 3, 115
Cefalu, 80, 310
Elise M., 2½, 0
Augsburg, 2, 15
Pasajero, 0, 10¼
Schwaben, 228, 143
Santa Rita, 345, 230¼
Angol, 190, 0
Phrygia, 8, 50
Manizales, 10½, 90
Grenland, 382, 898
President Garfield, 0, 2
Quirigua, 148, 24
Amerika, 42, 0
Dinteldyk, 140, 247
Santa Marta, 843, 212
Guayaquil, 1,202, 406
Costa Rica, 262, 2
Clio, 477, 310
Istmo, 708, 70
Rhein, 15, 154
Tacoma, 98, 30
Pastores, 48, 880
Calamares, 228, 330
Cumbal, 78, 148
Durazzo, 1,124, 6
Lahn, 217, 287
Balboa, 81, 117

Note.—Figures shown represent short tons of 2,000 pounds.

BALBOA

Chateau Thierry, 520, 619
Laurits Swenson, 1,077, 0
President Monroe, 15,0
Pennsylvania, 0, 80
Chiriqui, 733, 31
Cacique, 130, 42
Santa Isabel, 0, 8
Istmo, 0, 88
Santa Rosa, 159, 0
Santa Clara, 13, 0
Grenland, 0, 8
Santa Lucia, 0, 103
Nevada, 4,657, 0
Norway Maru, 183, 0
Santa Paula, 12, 3
Tai Ping Yang, 264, 0
Talamanca, 779, 49
Acajutla, 0, 12
Tyr, 310, 7
Republic, 394, 281
Santa Rita, 55, 0
San Pedro, 4,381, 0
Istmo, 0, 99
Vinland, 110, 0
Mataroa, 19, 0
Santa Inez, 120, 37
President Van Buren, 6, 1
California, 56, 98
Antigua, 828, 25
Chimu, 5, 135
Santa Elena, 241, 0
Axel Johnson, 523, 0
Salvador, 1, 0
Abraham Lincoln, 382, 65
Santa Barbara, 154, 16
Mayan, 0, 6
Iocoma, 815, 0
Ruahine, 15, 0
Santa Clara, 53, 181
President Taft, 11, 0
Santa Rosa, 6, 43
Chateau Thierry, 287, 0
Chiriqui, 747, 37
Bronnoy, 177, 0
Chipana, 0, 114
Santa Maria, 12,201, 0
Heiyo Maru, 65, 0
Virginia, 0, 102
President Garfield, 0, 1
Reginolite, 0, 5
Santa Rita, 201, 0
Balboa, 0, 128

Note.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered, 2,195; embarking, 2,143; at Balboa, 1218 disembarking and 1,340 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,930, from the Pacific to the Atlantic, 4,638. Aircraft numbering 44 entered Cristobal, and 159 passengers disembarked; clearances were 44, with 134 passengers embarking; at Balboa entries of aircraft were 27, with 68 passengers disembarking; clearances 27, with 77 passengers embarking.

First Chinese Vessel Since December 1920 Transits in July

The first ship of Chinese registry to pass through the Panama Canal since December 1920, transited July 2; the oil-burning cargo steamer *Shunhwa* (formerly *Chilcop*), 4,973 Panama Canal net tons, in ballast, bound from New York to Tsingtao, China. This ship was obtained from the Chile Steamship Company by the United Ocean Transport Company, a Japanese line, and although it is of Chinese registry it was manned by a Japanese crew.

Movements of Ocean Vessels Through the Panama Canal

From midnight July 15, 1936, to midnight August 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
J. L. Luckenbach.	15	16	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash...	Gen., autos..	3,681
San Lucas.....	15	16	Amer..	States S. S. Co.....	Albany, N. Y....	Portland, Oreg...	Gen., autos..	6,218
President Monroe.	17	17	Amer..	Dollar Line.....	New York, N. Y.	S. Francisco, Cal.	General.....	4,388
Pennsylvania....	17	17	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General.....	3,446
Tsuyama Maru...	16	17	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan....	(13)	8,156
Tirpitz.....	17	17	Ger...	Hamburg-Amer. Line.	New Orleans, La.	Yokohama, Japan	(14)	10,129
San Simeon.....	17	17	Amer..	Pacific Atlantic Corp.	New York, N. Y.	Tacoma, Wash..	General.....	3,608
Hindenburg.....	16	17	Ger....	Hamburg-Amer. Line.	New Orleans, La.	Yokohama, Japan	(15)	9,898
City of Dieppe...	17	17	Brit...	Ellerman & Bucknall.	New York, N. Y.	Cairns, Aust'lia..	General.....	3,293
Bethore.....	17	18	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Allan Jackson [1]...	17	18	Amer..	Standard Oil of N. J.	Aruba, D. W. I..	S. Antonio, Chile.	Fuel oil.....	9,774
Reaveley.....	18	18	Brit...	Red "R" S. S. Co....	Newp't News, Va.	Vancouver, B. C.	Ballast.....	.....
Tweedbank [2].....	18	18	Brit...	Bank Line.....	Tampa, Fla.....	Osaka, Japan....	Phosphates..	5,007
Iowan.....	18	18	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	3,567
Absaroka.....	18	18	Amer..	McCormick S. S. Co..	New York, N. Y.	Seattle, Wash...	General.....	2,660
J-26 [5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Trois Ilets.....	13	19	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	18
Clio [2].....	17	19	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	128
Cacique.....	18	19	Amer..	Grace Line.....	New York, N. Y.	Pisco, Peru.....	General.....	1,537
La Plata Maru [2]..	19	19	Jap...	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan....	Gen., cotton.	4,466
Willkeno.....	19	19	Amer..	Williams S. S. Co....	Bridgeport, Conn.	Tacoma, Wash...	General.....	6,934
Alamar.....	19	19	Amer..	Calmar Line.....	New York, N. Y.	Seattle, Wash....	Steel, gen...	7,892
Kingfisher [5].....	...	...	Amer..	H. P. Parker.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Virgilio [2].....	19	20	Ital...	Societa Italia.....	Genoa, Italy.....	Valparaiso, Chile.	General.....	816
Canada [2].....	19	20	Swed..	Johnson Line.....	Goth'burg, Swed.	Vancouver, B. C.	Paper, gen..	5,177
S-42 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
S-43 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
S-46 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
S-47 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Pacific Grove [2]...	19	20	Brit...	Furness, Withy & Co.	Glasgow, Scot....	Vancouver, B. C.	General.....	1,002
Mallard [10].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z...	Balboa, C. Z.....	(16)	.....
Ontariolite [1] [2]...	20	20	Brit...	Standard Oil Co.....	Caripito, Ven....	Tocopilla, Chile..	Fuel oil.....	12,140
Jevington Court..	20	20	Brit...	Andrew Weir & Co...	Philadelphia, Pa.	Yokohama, Japan	Scrap iron...	6,843
Manizales.....	17	20	Ger...	North German Lloyd.	Pto. Colombia...	Guayaquil, Ecua.	(17)	382
Santa Isabel.....	19	20	Amer..	Grace Line.....	New York, N. Y.	Valparaiso, Chile.	General.....	1,801
Lebore.....	20	20	Amer..	Bethlehem Steel Co...	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Nako Maru [2].....	20	20	Jap...	Nippon Yusen Kaisha	Boston, Mass....	Moji, Japan.....	(18)	5,863
Lena Luckenbach.	20	20	Amer..	Luckenbach Line....	New Orleans, La.	Los Angeles, Cal	General.....	7,070
Istmo.....	19	20	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	B'ventura, Col...	General.....	330
Motor Sailer.....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Sea Cub [5].....	...	...	Pan...	Eusebio Hernandez...	Cristobal, C. Z...	Gatun, C. Z.....	Ballast.....	.....
K. R. Kingsbury [1].	20	21	Amer..	Standard Oil Co.....	New York, N. Y.	S. Francisco, Cal.	Ballast.....	.....
Greylock.....	20	21	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Seattle, Wash....	Steel, gen...	8,017
Azumasan Maru [2].	20	21	Jap...	Mitsui & Co.....	Baltimore, Md...	Moji, Japan.....	Rosin, gen...	5,679
Hokuroku Maru [2].	21	21	Jap...	Osaka Shosen Kaisha.	Portland, Oreg...	Moji, Japan.....	(19)	7,956
Ionic Star.....	21	21	Brit...	Blue Star Line.....	Newcastle, Eng...	Vancouver, B. C.	Ballast.....	.....
Elbe [2].....	20	21	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General.....	7,296
Grenland.....	17	22	Nor...	Grace Line.....	Cristobal, C. Z...	Champ'ico, Guat.	General.....	1,796
Nictheroy.....	21	23	Brit...	Royal Mail Lines....	London, England	Portland, Oreg...	General.....	2,275
Fella [2].....	21	22	Ital...	Nav. Libera-Triestina	Trieste, Italy....	Vancouver, B. C.	General.....	2,140
Port Auckland...	21	22	Brit...	Com'lth & Dom. Line.	London, England	Adelaide, Aust'lia	Oil, general..	4,081
BonningtonCourt [2]	22	22	Brit...	Canadian Transp. Co.	Sydney, N.S., Can.	Victoria, B. C....	(20)	8,500
Pennsylvanian...	22	22	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash....	General.....	3,054
Niel Maersk [2]....	22	22	Dan...	Isbrandtsen Moller...	Philadelphia, Pa.	Manila, P. I.....	General.....	6,940
Steel Traveler....	22	22	Amer..	Isthmian S. S. Lines..	Mobile, Ala.....	Seattle, Wash....	Steel prod...	6,609
Hertford.....	22	23	Brit...	Fed. Steam Nav. Co .	Newport, Eng...	Auckland, N. Z..	General.....	11,716
Santa Lucia.....	22	23	Amer..	Grace Line.....	New York, N. Y.	Talcahuano, Chile	General.....	1,902
Thurland Castle [2].	22	23	Brit...	Barber Line.....	New York, N. Y.	Yokohama, Japan	(21)	4,545
Herman Frasch..	22	23	Amer..	Union Sulphur Co....	Galveston, Tex..	Tacoma, Wash...	Sulphur.....	6,450
Kirishima Maru [2].	22	23	Jap...	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan.....	(22)	6,406
Siamese Prince [2].	23	23	Brit...	Furness, Withy & Co.	New York, N. Y.	Hongkong, China	(23)	4,085
Harry Luckenbach	23	23	Amer..	Luckenbach Line....	Providence, R. I.	Seattle, Wash....	General.....	5,600
Hardanger [2].....	23	23	Nor...	General S. S. Corp....	Buenos Aires, Arg.	Vancouver, B. C.	General.....	5,027
Belita [1] [2].....	23	23	Nor...	Manuel Coutinho.....	Hamburg, Ger...	La Libertad, Ecu.	Ballast.....	.....
Geisha [2].....	22	23	Nor...	Knut Knutsen.....	Oslo, Norway....	Valparaiso Chile.	General.....	1,657
Timber Rush....	23	23	Amer..	Shepard S. S. Line....	Boston, Mass....	Portland, Oreg...	General.....	5,466
Maria Cristina [3]..	23	23	Pan...	A. Tagaropulos.....	Colon, R. P.....	Darien, R. P.....	General.....	2
Breda.....	23	24	Neth..	Royal Neth. S. S. Co..	Hamburg, Ger...	Corral, Chile....	General.....	1,843
San Diego.....	23	24	Fr....	French Line.....	Antwerp, Belgium	Vancouver, B. C.	General.....	6,795
Hagan [1].....	24	24	Amer..	Penn. Shipping Co...	New York, N. Y.	Los Angeles, Cal.	Ballast.....	.....
Trontolite [1] [2]....	23	24	Brit...	Imperial Oil Co.....	Montreal, Canada	Talara, Peru.....	Gasoline....	1,809
Heranger [2].....	24	24	Nor...	Interocean S. S. Co...	Rotterdam, Neth.	Vancouver, B. C.	General.....	100

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [10] Mine sweeper. [13] Cotton, potash, etc. [14] Cotton, scrap iron. [15] Scrap iron, general. [16] Towing target raft. [17] Coffee, beer, general. [18] Scrap, sheet bar. [19] Scrap, copper, general. [20] Concentrates, general. [21] General, scrap iron. [22] Iron, lead, general, etc. [23] Steel, machinery, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Santa Paula	24	25	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,227
San Bernardino	24	24	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	2,880
Buffalo Bridge	24	24	Amer.	Nelson S. S. Co	Philadelphia, Pa.	S. Francisco, Cal.	General	1,984
Enoch [3]	24	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
E. J. Hooper No. 2	[5]	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	Tow. *Enoch*	
Baldhill [2]	25	25	Amer.	Shell Terminal Corp.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Northmoor [2]	25	25	Brit.	C. D. Mallory & Co.	New York, N. Y.	Powell Riv., B. C.	Ballast	
Julia Luckenbach	25	26	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Autos, gen.	1,325
Zealandic [2]	25	25	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	4,766
Telena [1] [2]	25	25	Brit.	Shell Co., of Calif.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Dalhanna	25	25	Brit.	Anglo-Can. S. S. Co.	Manchester, Eng.	Vancouver, B. C.	Ballast	
Alaskan	25	25	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	4,517
Ino [2]	24	26	Neth.	Royal Neth S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	65
Birchbank [2]	25	26	Brit.	Eagle Oil & Ship. Co.	Tampico, Mex.	Hobart, Aust'lia	Asphalt	8,039
Pomona	26	26	Amer.	Pac.Coast Direct Line	New York, N. Y.	Seattle, Wash.	General	5,280
Durazzo	18	26	Ger.	Hamburg-Amer. Line	Cristobal, C. Z.	Guayaquil, Ecua.	General	199
West Ira	26	26	Amer.	McCormick S. S. Co	Buenos Aires, Arg.	Vancouver, B. C.	General	5,561
Stella	26	26	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	517
Marore	26	26	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Currier [1]	26	26	Amer.	Currier S. S. Co	New York, N. Y.	S. Francisco, Cal.	Ballast	
Steel Engineer	26	26	Amer.	Isthmian S. S. Lines	New York, N. Y.	Vancouver, B. C.	General	5,528
Lautaro [2]	26	27	Brit.	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile.	General	3,223
Eastern Glade	26	27	Amer.	McCormick S. S. Co	Norfolk, Va.	Seattle, Wash.	General	5,723
Point Chico	27	27	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	General	3,581
Punta Arenas	27	27	Chile	Chile-N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	General	3,658
Bordeaux Maru	27	27	Jap.	Kawasaki Dockyards	New Orleans, La.	Japan	Ballast	
Trois Ilets	26	27	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Marion Otis Chandler.	27	27	Amer.	Matson Nav. Co	Baltimore, Md.	Honolulu, T. H.	General	6,171
Real [2]	26	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	46
Ammon	27	28	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,003
Clark [9]	27	28	Amer.	U. S. Navy	Boston, Mass.	Galapagos Is.	Ballast	
San Marcos	27	28	Amer.	Pac.-Atlantic Corp.	Albany, N. Y.	Seattle, Wash.	General	4,273
Acajutla	21	28	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	937
Alabama	27	28	Fr.	French Line	Havre, France	Valparaiso, Chile.	([15])	1,405
Bjonn	27	28	Nor.	H. Cohen & Co	Boston, Mass.	Moji, Japan	Scrap steel	9,027
President de Vogue. [1] [2]	28	28	Nor.	Cie. des Prod. Chem. et Raff. de Berre.	Gibraltar	Cabo Blanco, Peru.	Ballast	
Ardanbhan	28	28	Brit.	Anglo-Can. S. S. Co.	Glasgow, Scot.	Portland, Oreg.	Ballast	
City of Derby	28	28	Brit.	Ellerman & Bucknall.	New York, N. Y.	Dairen, China	General	5,441
J-52 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Riley [2]	28	29	Brit.	Stephen Sutton, Ltd.	Sunderland, Eng.	San Marcus, Cal.	Ballast	
Istmo	27	30	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Damsterdijk [2]	28	29	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	Coke, gen.	2,408
Dimitrios Inglessis.	28	29	Greek	Fils Inglessis	Rouen, France	Williamshead, B. C.	Ballast	
Cucuta [8]	26	29	Col.	Colombian Governm't	Cartagena, Col.	B'ventura, Col.	Ballast	
Carabobo [2] [3]	28	29	Col.	Colombian Governm't	San Andres, Col.	B'ventura, Col.	Ballast	
Nymphe	28	29	Greek	Lykiardopulo & Co.	Nov'sick, U.S.S.R.	Tacoma, Wash.	Gold ore	7,043
Comet [1]	29	29	Amer.	Socony Vac. Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	
Hampton Hill	29	29	Brit.	Middlesex S. S. Co.	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,080
Sunetta [1] [2]	29	29	Neth.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
King Lud [2]	29	29	Brit.	King Line, Ltd.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	
Mexican	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,707
Anglo Indian	29	29	Brit.	Canadian Transp. Co.	Cardiff, England	Vancouver, B. C.	Ballast	
J-52 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Canadian Challenger.	30	31	Brit.	Montreal-Aust.-N. Z.	Montreal, Canada	Adelaide, Aust'lia	General	3,508
Edward Luckenbach.	30	30	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,359
Portland [2]	30	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	5,448
President Van Buren.	31	31	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,237
California	31	8-1	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,827
Point Reyes	30	31	Amer.	Gulf-Pacific Line	Mobile, Ala.	Tacoma, Wash.	General	3,905
Golden Harvest	31	31	Amer.	Williams S. S. Co.	Baltimore, Md.	Tacoma, Wash.	General	3,658
Kongo Maru [2]	31	31	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([16])	6,375
Teneriffa [2]	31	31	Nor.	W. Wilhelmsen Line.	New York, N. Y.	Moji, Japan	Scrap iron	8,836
Santa Inez [2]	31	1	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,645
Munchen [2]	31	31	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	6,310
Port Fairy [2]	31	31	Brit.	Com'lth & Dom Line.	London, England	Bluff, N. Z.	General	5,824
Anglo Canadian [2]	31	31	Brit.	Lawther, Latta & Co.	Birkenhead, Eng.	Vancouver, B. C.	Ballast	
Enoch [3]	25	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [14]		
E. J. Hooper No. 1	[5] 25	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	Tow. *Enoch*	
Silverwalnut [2]	8-1	8-1	Brit.	Kerr S. S. Co	New York, N. Y.	Hongkong, China.	General	4,144
Texmar	1	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,001
Arinia [1] [2]	1	1	Brit.	Anglo-Saxon Pet. Co.	Greenock, Eng.	Los Angeles, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [13] Coast Guard. [14] For bananas and return to Cristobal. [15] Iron, steel, general. [16] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
City of Winchester	1	1	Brit..	American & Australi'n	Philadelphia, Pa.	Adelaide, Aust'lia	General.....	3,763
West Cape.....	1	1	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash....	General.....	4,408
Clio [2].....	31	1	Neth..	Royal Neth. S. S. Co..	Cristobal, C. Z...	Guayaquil, Ecua.	General.....	150
Commissaire Ramel.	1	1	Fr....	Messageries Mariti'es.	Marseilles, Fr....	Noumea, New Caledonia.	General.....	934
Chimu [2].....	1	2	Amer..	Grace Line.....	New York, N. Y.	Pisco, Peru.....	General.....	1,033
Horda.....	1	2	Nor...	Chile. Nit. Sales Corp	Montreal, Can...	Chile.....	Ballast.....	.....
Steelore.....	1	2	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Kentuckian.....	1	2	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	3,078
PacificEnterprise [2]	2	2	Brit...	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General.....	863
Cali.....7	-31	2	Ger...	North German Lloyd.	Pto. Colombia...	Manta, Ecuador.	General.....	817
Orotava.....	1	3	Hond..	United Fruit Co.....	New York, N. Y.	Guayaquil, Ecua.	Ballast.....	.....
Pennington Court	2	2	Brit...	Canadian Transp. Co.	Barry, England..	Portland, Oreg...	Ballast.....	.....
Quebec City.....	2	2	Brit...	Reardon-Smith Line..	New York, N. Y.	Vancouver, B. C.	Ballast.....	.....
Naruto Maru [2]...	2	2	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan....	([14])	6,465
Mercury Sun [1] [2].	2	3	Amer..	Sun Oil Co.....	Chester, Pa....	Los Angeles, Cal.	Ballast.....	.....
Leticia [3].....	2	...	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Eir.....	2	2	Nor...	Continental Grain Co.	Baltimore, Md...	Stockton, Calif..	Ballast.....	.....
Jefferson Myers..	2	2	Amer..	Quaker Line.....	Philadelphia, Pa.	Seattle, Wash...	General.....	4,141
Steel Ranger.....	2	2	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Seattle, Wash...	([15])	5,530
Yankee Arrow [1]...	2	3	Amer..	Socony Vac. Oil Co..	Portland, Me....	Los Angeles, Cal.	Ballast.....	.....
Sona [2].....	1	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Winslow [5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barges.	.....
Constance Chandler.	1	3	Amer..	Matson Nav. Co.....	Boston, Mass....	Honolulu, T. H..	General.....	1,288
Sanyo Maru [2]....	3	3	Jap...	Osaka Shosen Kaisha.	New York, N. Y.	Moji, Japan.....	General.....	7,699
Axel Johnson [2]....	2	4	Swed..	Johnson Line.....	Stockholm, Swed.	Vancouver, B. C.	Gen., steel..	3,006
Austvard [2].....	3	3	Nor...	Isbrandtsen Moller...	Baltimore, Md...	Manila, P. I.....	General.....	4,406
Enoch [3].....	3	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.....	([16])	.....
E. J. Hooper, No. 2 [3]	...	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. *Enoch*.	.....
Jacob Luckenbach	3	4	Amer..	Luckenbach Line....	Houston, Tex....	Seattle, Wash...	General.....	6,227
Fermia [2].....	4	4	Swed..	Axel Brostrom & Son.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Trois Ilets.....	3	4	Fr....	French Line.....	Cristobal, C. Z..	Manta, Ecuador.	General.....	27
Christian Holm [1] [2]	4	4	Dan...	Det. Danske Pet. Aktieselskab.	New York, N. Y.	Talara, Peru....	Ballast.....	.....
Hawaiian.....	4	4	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Tacoma, Wash..	General.....	3,759
Abraham Lincoln [2]	4	5	Nor...	Fred Olsen Line.....	Oslo, Norway....	Vancouver, B. C.	General.....	5,790
Belfast Maru....	4	5	Jap...	Kawasaki Docky'd Co.	New York, N. Y.	Moji, Japan.....	([17])	7,083
Achilles [1] [2].....	5	8	Brit...	British Government..	Kingston, Jam...	New Zealand....	Ballast.....	.....
Taihei Maru [2]....	5	5	Jap...	Mitsui Bussan Kaisha	Philadelphia, Pa.	Los Angeles, Cal.	Ballast.....	.....
Mayan.....7	-28	5	Amer..	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General.....	706
Anglo African....	5	5	Brit...	Anglo-Can. Ship. Co.	Shields, England.	Vancouver, B. C.	Ballast.....	.....
Jane Christenson.	5	5	Amer..	Arrow Line.....	Baltimore, Md...	Seattle, Wash...	General.....	5,215
Miralda [1] [2].....	5	5	Neth..	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Sutherland [2].....	5	5	Brit...	Canadian Transp. Co.	London, England	Vancouver, B. C.	Ballast.....	.....
Circe Shell [1] [2]...	5	5	Brit...	Shell Oil Co.....	Curacao, D. W. I.	S. Francisco, Cal.	Ballast.....	.....
Belgium Maru...	5	6	Jap...	Kokusai Kisen Kaisha	S. BocaGr'de, Fla.	Japan.....	Phosphates..	7,799
Maria Cristina [3]..	5	5	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	El Real, R. P....	General.....	2
President Taft...	6	7	Amer..	Dollar Line.....	Boston, Mass...	S. Francisco, Cal.	General.....	3,939
Santa Clara.....	5	6	Amer..	Grace Line.....	New York, N. Y.	Talcahuano, Chile	General.....	2,100
Orduna.....	5	6	Brit...	Pacific Steam Nav. Co	Liverpool, Eng..	Valparaiso, Chile.	General.....	1,938
Vera [1] [2].....	5	6	Nor...	H. D. Simonsen & Co.	Hamburg, Ger...	Talara, Peru....	Ballast.....	.....
Bessemer City....	5	6	Amer..	Isthmian S. S. Lines..	Philadelphia, Pa	Hawaiian Is.....	Steel, gen...	5,260
Svealand [2].....	6	6	Swed..	Ore S. S. Corp.....	New York, N. Y.	Cruz Gr'de, Chile	Ballast.....	.....
Spyros.....	6	6	Greek.	Hasegawa & Co.....	Texas City, Tex..	Yokohama, Japan	Scrap iron...	8,550
Trelyon.....	6	6	Brit...	Andrew Weir & Co...	New York, N. Y.	Moji, Japan.....	Scrap iron...	7,008
Bradford City [2]...	6	6	Brit...	Mitsubishi & Co.....	New York, N. Y.	Yokohama, Japan	([18])	8,993
Robert Luckenbach.	6	6	Amer..	Luckenbach Line....	Boston, Mass....	Tacoma, Wash..	General.....	5,713
Gypsum King....	6	6	Brit...	Gypsum Packet Co..	Havana, Cuba...	Iquique, Chile...	Ballast.....	.....
Patria [1] [3].....	6	7	Cuban.	Cuban Government..	Havana, Cuba...	Guayaquil, Ecua.	Ballast.....	.....
Istmo.....	5	7	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	600
Hindanger [2].....	7	7	Nor...	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Glass, zinc..	57
Tai Shan [2].....	7	7	Pan...	W. Wilhelmsen Line..	New York, N. Y.	Yokohama, Japan	([19])	4,152
Santa Rosa.....	7	8	Amer..	Grace Line.....	New York, N. Y.	S. Francisco, Cal.	Gen., coffee.	2,912
Point Judith.....	7	7	Amer..	Swayne & Hoyt.....	Tampa, Fla.....	Seattle, Wash...	General.....	5,005
Zjawa [6].....	...	...	Amer..	T. McClure.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
San Angelo.....	7	8	Amer..	Quaker Line.....	Albany, N. Y....	Tacoma, Wash..	Gen., autos..	3,291
Lundby [2].....	8	8	Dan...	Canadian Transp. Co.	Mid'brough, Eng.	Vancouver, B. C.	Steel plates..	2,005
Marie Maersk [1] [2].	8	8	Dan...	Guayaquil Rwy. Co..	Aruba, D. W. I..	Guayaquil, Ecua.	Fuel oil.....	7,852
Daldorch.....	8	8	Brit...	Anglo-Can. S. S. Co..	Hull, England...	Pacific coast.....	Ballast.....	.....
Brandywine [1].....	8	8	Amer..	Fletcher Oil Co.....	Texas City, Tex.	Tacoma, Wash..	Gasoline....	6,391
Bullmouth [1] [2]...	6	8	Brit...	Arrow Oil Co.....	Curacao, D. W. I.	Los Angeles, Cal.	Ballast.....	.....
Wales Maru.....	8	8	Jap...	Kawasaki S. S. Co...	Philadelphia, Pa.	Seattle, Wash...	Ballast.....	.....
Calgarolite [1] [2]...	8	8	Brit...	Imperial Oil Co.....	Montreal, Can...	Talara, Peru....	Ballast.....	.....
Elg [2].....	8	8	Nor...	Canadian Transp. Co.	Galveston, Tex..	Vancouver, B. C.	([20])	5,100

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [12] Cruiser. [13] Gunboat. [14] Copper, scrap iron. [15] General, steel products. [16] For bananas and return to Cristobal. [17] Cotton, rosin, scrap iron, general. [18] Machinery, scrap iron. [19] General, scrap iron. [20] Phosphates, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Caldas [9]	8	9	Col.	Colombian Govern't.	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Chateau Thierry [8]	8	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	287
Sonja Maersk	8	8	Dan.	A. P. Moller	New Orleans, La.	Guayamas, Mex.	Ballast	.....
Kinross [2]	8	9	Brit.	Anglo-Can. Ship. Co.	London, England	Vancouver, B. C.	Ballast	.....
Vermar	8	9	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,318
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sage Brush	8	9	Amer.	Shepard S. S. Co.	Boston, Mass.	Portland, Oreg.	General	5,624
Minnesotan	8	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,577
D. G. Scofield [1]	8	9	Amer.	Standard Oil of N. J.	Aruba, D. W. I.	Corinto, Nic.	Fuel oil	6,952
San Francisco Maru.	9	9	Jap.	Kokusai Kisen Kaisha	Gulf port	Yawata, Japan	Scrap steel	7,794
Canadian Scottish	9	9	Brit.	Montreal-Aust.-N. Z.	Montreal, Canada	Dunedin, N. Z.	General	3,881
Jeff Davis [2]	9	14	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Fremantle, Aus'ia	General	3,789
Bronnoy [2]	9	10	Nor.	Wessel, Duval & Co.	Pt. Alfred, Can.	Talcahuano, Chile	General	3,473
Amerikaland [2]	9	9	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	.....
Chr. Knudsen [2]	9	9	Nor.	Anglo-Can. Ship. Co.	St. Johns, N. F.	Los Angeles, Cal.	Ballast	.....
Boskoop	8	9	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,774
Salawati [2]	9	9	Neth.	Stoomvaart Maats.	Amsterdam, Neth	Los Angeles, Cal.	Ballast	.....
Modavia [2]	9	9	Brit.	Donaldson Brothers	Glasgow-England	Vancouver, B. C.	General	747
Hermonthis [2]	9	9	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,800
Everett	9	9	Amer.	McCormick S. S. Co.	Norfolk, Va	Seattle, Wash.	Steel, gen.	6,226
Corsair [5]	...	...	Amer.	George Ehrman	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Real [2]	8	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	50
Tuira [2]	8	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	50
Ino [2]	8	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	61
Serenitas	9	10	Ital.	Soc. Anon Nova Gen'sis	Gibraltar	Ant'fagasta, Chile	Ballast	.....
Port Hobart [2]	9	10	Brit.	Port Line	Glasgow-England	Dunedin, N. Z.	General	6,487
Steelmaker	9	10	Amer.	Isthmian S. S. Lines.	Hopewell, Va.	Tacoma, Wash.	([14])	6,451
Trebartha	9	10	Brit.	Hain S. S. Co.	New York, N. Y.	Vancouver, B. C.	Ballast	.....
Rangitane [2]	9	11	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	4,509
Cerigo	8	11	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	506
Ashburton [2]	11	12	Brit.	Amer.-Australian Line	Philadelphia, Pa.	Dunedin, N. Z.	General	3,735
Montanan	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,321
El Oso [1]	11	12	Brit.	C. T. Bowring & Co.	Falmouth, Eng.	Cabo Bl'co, Peru	Ballast	.....
W. M. Delphia [3]	11	11	Hond.	W. S. McNab	Roatan, Hond.	Amapala, Hond.	Ballast	.....
Salvador	4	11	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	575
Oregon [2]	10	11	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	General	6,148
Enoch [3]	11	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	([15])	.....
Benwell Tower	11	12	Brit.	Milburn Line	Kingston, Jam.	Vancouver, B. C.	Ballast	.....
Point Palmas	11	12	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,192
Chipana	11	12	Amer.	Grace Line	New York, N. Y.	Ant'fagasta, Chile	([16])	877
Martin Bakke [2]	12	12	Nor.	Knut Knutsen Line	Belfast, Ireland.	Vancouver, B. C.	Ballast	.....
Southern Sun [1] [2]	12	12	Amer.	Sun Oil Co.	Marcus Hook, Pa.	El Segundo, Calif.	Ballast	.....
Nestos	12	12	Greek.	Theofano Maritime Co.	Trinidad, B. W. I.	Peru	Ballast	.....
Nairnbank [2]	12	13	Brit.	Cuban Trading Co.	Pto. Tarafa, Cuba	Auckland, N. Z.	Sugar	7,875
Augsburg	12	12	Ger.	North German Lloyd.	Baltimore, Md.	Fremantle, Aus'ia	General	6,750
Winkleigh	12	12	Brit.	Anglo-Can. S. S. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Lt. Col. H. C. Schumm. [4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
P-6 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	([17])	.....
Ardangorm	13	13	Brit.	Anglo-Can. Ship. Co.	Liverpool, Eng.	Portland, Oreg.	Ballast	.....
American Oriole	13	13	Amer.	General Chemical Co.	Sulphur Pt., La.	Oakland, Calif.	Sulphur	7,554
Willsolo	13	13	Amer.	Williams S. S. Line	Savannah, Ga.	Portland, Oreg.	General	5,187
Lossiebank [2]	13	13	Brit.	Bank Line, Ltd.	Boston, Mass.	Yawata, Japan	General	4,500
K. I. Luckenbach.	13	13	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,620
Schwaben	13	13	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	6,780
West Mahwah	13	13	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	Gen., steel	5,153
President Garfield	14	14	Amer.	Dollar Line	Boston, Mass.	S. Francisco, Cal.	([10])	3,655
Teal [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Virginia	14	14	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,043
Phrygia [2]	13	14	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,509
Spencer Kellogg [1]	14	14	Amer.	Dominion Tar & Chem.	Montreal, Canada	Vancouver, B. C.	Creosote	5,882
Reginolite [1] [2]	14	14	Brit.	Imperial Oil Co.	Caripito, Venez.	Tocopilla, Chile.	([18])	12,000
Santa Rita [2]	13	15	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,672
Chilore	14	14	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Amerika [2]	14	14	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	227
Mary Ann [1] [3]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Gamboa, C. Z.	Ballast	.....
King John [2]	14	15	Brit.	S. African Dis. Line	Cardiff, England.	Vancouver, B. C.	Ballast	.....
American	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,960
York City	15	15	Brit.	Sir W. R. Smith & Sons	Lake Charles, La.	Yawata, Japan	Scrap iron	8,630
Hegira	15	15	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	Steel, gen.	7,016
Balboa [2]	15	15	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	5,041
Clio [2]	14	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	.....
Istmo	14	15	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	200
Steel Navigator	15	15	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Penang, Str. Sett.	Steel, sulphur	8,111
Rhein [2]	15	15	Ger.	Hamburg-Amer. Line.	Houston, Tex.	Kobe, Japan	Scrap iron	7,729
Flo [5]	...	...	Amer.	W. L. Stilson	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [9] Destroyer. [10] Mine sweeper. [13] Crane boat. [14] Nitrates, general, steel. [15] For bananas and return to Cristobal. [16] General, machinery. [17] Towing rowboat. [18] Diesel and fuel oil.

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Steelore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Nebraskan	15	16	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,692
Mercury Sun [1] [2]	16	16	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,847
Bodegraven	16	17	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,296
Tosca [2]	16	16	Nor.	Knut Knutsen, O. A.	S. Antonio, Chile.	Copenhagen, Den.	General	7,048
Triglav	16	16	Y-Slav	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrates	10,120
Point Gorda	16	16	Amer.	Gulf-Pacific Line	Tacoma, Wash.	Beaumont, Tex.	General	3,395
San Jose	16	17	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	6,443
Sandar [1] [2]	16	17	Nor.	Anglo-Saxon Pet. Co.	Long Beach, Calif.	Curacao, D. W. I.	Kerosene dis.	10,873
Nebraska	16	17	Brit.	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	7,081
Sunetta [1] [2]	16	17	Neth.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D. W. I.	Gasoline	11,543
Trefusis	17	17	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Nitrates	7,625
Chateau Thierry [5]	14	18	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	132
Fernmoor [2]	17	17	Nor.	Fern Line	Bacalod, P. I.	East coast U.S.A.	Sugar	7,392
Elg [2]	17	17	Nor.	J. J. Moore & Co.	Mambaguid, P. I.	East coast U.S.A.	Sugar	6,577
Weser [2]	17	17	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	7,290
Clio	17	19	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	405
Grenland	17	22	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	715
William A. McKenney.	17	17	Amer.	McCormick S. S. Co.	Port Townsend, Wash.	Philadelphia, Pa.	Lumber, gen.	8,553
Wales Maru	17	18	Jap.	Kawasaki S. S. Co.	Yokohama, Japan	New York, N. Y.	General	5,550
Tercero [2]	17	18	Nor.	Wessel, Duval & Co.	Tocopilla, Chile.	Norfolk, Va.	Nitrates	7,560
Mathew Luckenbach.	17	18	Amer.	Luckenbach Line	Los Angeles, Cal.	Mobile, Ala.	General	7,704
Nurnberg [2]	17	18	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,529
El Ciervo [1]	18	18	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Dunkerque, Fr.	Crude oil	7,939
Oakmar	18	18	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Copper, lum.	6,515
Durazzo	18	26	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	921
R-3 [7]	15	19	Peru.	Peruvian Governm't.	Callao, Peru	Philadelphia, Pa.	.....	576
R-4 [7]	15	19	Peru.	Peruvian Governm't.	Callao, Peru	Philadelphia, Pa.	.....	576
Empire Star [2]	19	19	Brit.	Blue Star Line	Bluff, N. Z.	London, England	Frozen, gen.	8,500
Kwanto Maru [2]	19	20	Jap.	Osaka Shosen Kaisha.	Manila, P. I.	Baltimore, Md.	General	5,776
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	637
Stirling [2]	19	19	Brit.	Anglo-Can. S. S. Co.	Brit. Columbia	Boston, Mass.	Lumber	8,070
Anniston City	19	19	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	New York, N. Y.	Sugar, gen.	8,412
Caroni River [1] [2]	19	19	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	([14])	10,230
Gothic Star	19	20	Brit.	Blue Star Line	Vancouver, B. C.	Liverpool, Eng.	Frozen, gen.	6,696
Pacific	19	19	Amer.	Weyerhaeuser S. S. Co	Everett, Wash.	Philadelphia, Pa.	Lumber	8,316
James Hawson [1] [2]	19	19	Nor.	Standard Oil of Calif.	Los Angeles, Cal.	Antwerp, Belgium	Gasoline	8,622
Nemo [5]	19	..	Amer.	Lieut. C. Bennett	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Svealand [2]	19	20	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	Sparrows Pt., Md.	Iron ore	22,400
Monkleigh	19	20	Brit.	Canadian Transp. Co.	Vaucouver, B. C.	Liverpool, Eng.	Grain, lum.	9,100
Genota [1] [2]	19	20	Neth.	Asiatic Petroleum Co.	S. Francisco, Cal.	Lands End [13]	Benzine	11,096
Lillian Luckenbach.	19	20	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,096
Willboro	19	20	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,127
Margaritis	20	20	Greek.	Lautaro Nitrate Co.	Antof'gasta, Chile	Azores [13]	Nitrates	8,030
Wisconsin	20	20	Amer.	Bulk Carriers Corp.	Portland, Oreg.	New York, N. Y.	Lumber	6,882
Pereira	20	21	Pan.	Elliot Ship. & Land Co.	Tumaco, Col.	Manaure, Col.	Ballast	.....
Arizona	20	22	Fr.	French Line	Taltal, Chile	Le Havre, France	General	8,325
Nevadan	20	20	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,874
Santa Rosa	20	21	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,263
Awobasan Maru [2]	20	21	Jap.	Mitsui Bussan Co.	Penang, St. Sett.	New York, N. Y.	([15])	4,393
Dilworth [1]	20	21	Amer.	Penn. Shipping Co.	Los Angeles, Cal.	Fall River, Mass.	Kerosene	9,989
San Vincente	20	21	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,432
Point Lobos	20	21	Amer.	Swayne & Hoyt	Portland, Oreg.	Lake Charles, La.	Lumber, gen.	5,221
D. G. Scofield [1]	21	21	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	([16])	10,450
Virginia Nicolaou.	21	21	Greek.	Cia. Salit'a Anglo-Chile	Tocopilla, Chile.	Azores [13]	Nit. of soda	9,100
Acajutla	21	28	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	317
Pan Aruba [1] [2]	21	21	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, D. W. I.	([17])	13,573
Maria Cristina [2]	21	23	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([18])	19
Vancouver City [2]	21	22	Brit.	Reardon-Smith Line.	Otaru, Japan	Liverpool, Eng.	General	8,183
Ardenvohr [2]	21	22	Brit.	Australind S. S. Co.	Pagoumene, Soc. I.	Philadelphia, Pa.	Chrome ore.	8,000
Santa Clara	21	22	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Coffee, gen.	3,741
Wilamette Valley [2]	22	22	Brit.	Sir W. R. Smith & Sons	Iloilo, P. I.	East coast U.S.A.	Sugar	8,000
Pacific Trader [2]	22	23	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	7,788
Amerikaland [2]	22	23	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,100
Susan V. Luckenbach.	22	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,768
Prince Rupert City.	23	23	Brit.	Sir W. R. Smith & Sons	Bais, P. I.	New York, N. Y.	Sugar	8,000
Nagara Maru [2]	23	24	Jap.	Nippon Yusen Kaisha	Hongkong, China	New York, N. Y.	Silk, gen.	4,598
Ino [2]	24	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	229
Point Clear	24	24	Amer.	Swayne & Hoyt	Portland, Oreg.	Corpus Ch'ti, Tex.	Lumber, gen.	5,516
Arizonan	24	24	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	7,994
C. O. Stillman [1] [2]	24	24	Brit.	International Pet. Co.	Talara, Peru	Halifax, N. S.	Crude oil	21,666
Nevada [1]	23	24	Amer.	Texas Co.	Los Angeles, Cal.	Baton Rouge, La.	Ballast	.....
Montrolite [1] [2]	24	25	Brit.	Imperial Oil Co., Ltd.	Talara, Peru	Montreal, Can.	Crude oil	15,469

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [8] Transport. [13] For orders. [14] Kerosene distillate and gas oil. [15] Rubber, silk, general. [16] Petrolastic asphalt. [17] Petroleum, benzine. [18] Lumber, plantains.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Iddesleigh	25	25	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lumber, gen.	8,800
Cali	25	2	Ger.	North German Lloyd.	Guayaquil, Ecua.	Pto. Colombia	General	856
Falsterbo [2]	25	25	Swed.	W. L. Comyn	Portland, Oreg.	Manzanilla, Cuba	Lumber	5,900
Glenardle	25	25	Brit.	Anglo-French Phos. Co	Makatea, Tuma'u	Linham, Sweden	Phosphates	6,300
Rigmor [1] [2]	25	25	Nor.	H. P. Drewry	El Segundo, Cal.	Lands End [13]	Gasoline	9,008
Icy V [5]	25	...	Amer.	Henry Grieser	Balboa, C. Z.	Gatun, C. Z.	Tow. *Loki*	.....
Loki [5]	25	...	Amer.	J. H. Poole, Jr.	Balboa, C. Z.	Gatun, C. Z.	Ballast	.....
Astoria [2]	25	26	Dan.	Isbrandtsen Moller Co.	Yokohama, Japan	New York, N. Y.	Sugar, copra	7,500
Real [2]	25	27	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Trois Ilets	26	27	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	148
Mapia [2]	26	26	Neth.	St. Cy. "Nederland"	Portland, Oreg.	Calcutta, India	General	7,299
Tai Ping Yang [2]	26	27	Pan.	Barber-Wilhelmsen	Manila, P. I.	New York, N. Y.	General	6,924
Trondanger [2]	26	27	Nor.	Interocean S. S. Co.	N.Westm'er, B.C.	Rotterdam, Neth.	General	7,500
Horace Luckenbach.	26	26	Amer.	Luckenbach Line	Seattle, Wash.	New York, N. Y.	Lumber, gen.	7,821
Southern Sun [1] [2]	26	27	Amer.	Sun Oil Co.	El Segundo, Cal.	Chester, Pa.	Gasoline	13,733
Beaconstreet	26	27	Brit.	Standard Oil of N. J.	Talara, Peru	S'hampton, Eng.	Crude oil	11,170
Baron Tweedmouth.	26	27	Brit.	H. Hogarth & Sons	Patache, Chile	Bordeaux, France	Guano	5,350
Steel Mariner	27	27	Amer.	Isthmian S. S. Lines	Port Allen, T. H.	Baltimore, Md.	Sugar, gen.	8,091
Cumbal [2]	27	27	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,333
Flomar	27	27	Amer.	Calmar S. S. Corp.	Aberdeen, Wash.	Boston, Mass.	Lumber	7,400
Paula	27	27	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	Nitrates, gen.	2,502
Istmo	27	29	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	614
Brilliant [1] [2]	27	27	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	13,085
Tilthorn	27	27	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egy't	Nit. of soda	10,100
Virginia	27	28	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	5,444
Mayan	27	8–5	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	386
Stjernborg [2]	28	28	Dan.	Anglo-Can. S. S. Co.	Victoria, B. C.	New York, N. Y.	Lumber	7,100
Reina del Pacifico [2]	28	28	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	General	6,489
Athelviscount [1] [2]	27	28	Brit.	United Molasses Co.	Hawaiian ports	Birkenhead	Molasses	13,324
Beloit [2]	27	29	Hond.	W. Montague Eden	Amapala, Hond.	La Ceiba, Hond.	Salt	100
Macoma [1] [2]	28	28	Neth.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lisbon, Portugal	Gas., ker'sene	11,335
Australind [2]	28	29	Brit.	Australind S. S. Co.	Pacific Islands	Copenhagen, Den.	Ore, copra	7,950
William Luckenbach.	28	28	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,849
Bencleuch	28	28	Brit.	Wm. Thompson & Co.	Vancouver, B. C.	London, England	Lum., grain	7,866
Chincha	28	28	Amer.	South Amer. Metal Co.	Talcahuano, Chile	New York, N. Y.	([14])	4,786
Santa Rita [2]	28	29	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Gen., copper	2,516
Cellina [2]	28	29	Ital.	Nav. Libera-Triestina.	Vancouver, B. C.	Trieste, Italy	Grain, gen.	4,722
Tyr [2]	28	28	Nor.	Canadian Transp. Co.	Port Alice, B. C.	Philadelphia, Pa.	Grain, lum.	6,741
Republic [3]	28	29	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores	784
Chilore	29	29	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Roda [2]	29	30	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,337
Georgian	29	29	Amer.	Williams S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,750
Wind Rush	29	29	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,100
Vinland [2]	29	29	Nor.	Scand.-So. Pac. Line	San Antonio, Chile	Scandanavia	General	7,080
Cape Howe	29	30	Brit.	Lyle S. S. Co.	Pto. Chic'ma, Peru	Greenock, Scot.	Sugar	6,836
Mataroa	30	30	Brit.	Shaw, Savill & Albion.	New Zealand	London, England	Frozen, gen.	5,033
Californian [2]	30	31	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	9,342
Granville [2]	31	31	Pan.	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	Grain, gen.	7,420
Clio [2]	31	8–1	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	429
Forbes Hauptman	31	31	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	7,307
Winslow [5]	31	2	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Narenta	31	1	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	General	8,169
Venice Maru	31	2	Jap.	Kawasaki K. Kaisha	Shanghai, China	Galveston, Tex.	Silk, gen.	7,582
Yomachichi [2]	8–1	1	Amer.	Roosevelt S. S. Co.	Brisbane, Aust'lia	Montreal, Canada	General	8,056
Moldanger	1	1	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	7,830
Olney [1] [2]	1	2	Amer.	Penn. Shipping Co.	Los Angeles, Cal.	Fall River, Mass.	Kerosene	10,066
Svolder [1] [2]	1	2	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Lands End [13]	Gas., ker'sene	8,676
Tenyo Maru [2]	1	1	Jap.	Mitsui Bussan Kaisha	Iloilo, P. I.	New York, N. Y.	General	8,335
Minerva [2]	1	1	Nor.	C. D. Mallory & Co.	Powell Riv., B. C.	Houston, Tex.	([15])	5,796
Sona [2]	1	2	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Maria Cristina [2]	1	5	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([16])	15
Leeds City	1	2	Brit.	Reardon-Smith Line	Philippine Is.	New Orleans, La.	Sugar	8,000
Hokkai Maru [2]	1	3	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	New York, N. Y.	General	7,213
San Anselmo	1	2	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Gen., lumber	7,802
Cressington Court. [2]	1	2	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	6,533
Dallington Court	1	2	Brit.	Canadian Transp. Co.	N. West'er, B. C.	Garston, England	Lumber	8,900
Florence Luckenbach.	1	2	Amer.	Luckenbach-Gulf S. S. Co.	Portland, Oreg.	Mobile, Ala.	Gen., shingles	6,646
Emergency Aid	1	3	Amer.	Pac.-Arg.-Brazil Line	Vancouver, B. C.	Buenos Aires, Arg.	Lumber, gen.	5,677
Panaman	2	2	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,254
Ensley City	2	2	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,433
Arcadia [2]	1	2	Amer.	Margaret S. Hardwick	Galapagos Is.	Miami, Fla.	Ballast	.....
American Cardinal.	2	2	Amer.	Amer.-Foreign S. S. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	5,000

[1] Tanker. [2] Motor ship. [5] Launch. [3] Transport. [13] For orders. [14] Concentrates (ore). [15] Newsprint, shingles. [16] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Lobos [2]	2	3	Brit...	Pacific Steam Nav. Co	Talcahuano,Chile	Liverpool, Eng..	Coffee, gen..	8,679
Trois Ilets	3	4	Fr....	French Line	B'ventura, Col...	Cristobal, C. Z..	Coffee, gen..	1,178
Manizales	3	9	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	1,111
India [2]	3	3	Dan...	East Asiatic Co	Vancouver, B. C.	Hull, England...	General	11,810
Nore [1 2]	3	3	Nor...	Hillingdon Trad. Co..	Richmond, Calif.	Hamburg, Ger...	Diesel oil	11,832
Dorothy Luckenbach.	3	3	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	Lumber, gen.	7,198
Santa Elena	3	4	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,443
President Pierce	3	4	Amer..	Dollar Line	Manila, P. I.	Boston, Mass.	General	7,760
L-41 [5]	3	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Trontolite [1 2]	3	4	Brit...	Imperial Oil Co	Talara, Peru	Halifax, N. S.	Gasoline	7,567
Camden [1]	3	4	Amer..	Shell Oil Co	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	8,724
Samuel Bakke [2]	3	4	Nor...	Knutsen Line	Vancouver, B. C.	Belfast, Ireland..	General	6,604
Lancaster	4	4	Amer..	Weyerhaeuser S. S. Co	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	8,519
Mobile City	4	4	Amer..	Isthmian S. S. Lines..	Hilo, T. H.	Baltimore, Md...	Sugar, gen..	7,635
Salvador	4	11	Brit...	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z..	General	570
Oregon	4	4	Amer..	Bulk Carriers Corp..	Longview, Wash.	New York, N. Y.	Lum'r, flour.	6,879
Norfolk	4	5	Brit...	Federal Steam Nav.Co	Lyttleton, N. Z..	Glasgow, Scot...	Frozen, gen.	7,247
Istmo	4	7	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	634
Iwate [1 2]	3	6	Jap...	Japanese Governm't..	Los Angeles, Cal.	Baltimore, Md...	.....	.....
Yakumo [1 2]	3	6	Jap...	Japanese Governm't..	Los Angeles, Cal.	Baltimore, Md...	.....	.....
E. M. Clark [1]	4	5	Amer..	Standard Oil Co	Talara, Peru	Halifax, N. S.	Crude oil	15,370
Santa Barbara [2]	5	6	Amer..	Grace Line	Talcahuano,Chile	New York, N. Y.	General	4,216
President de Vogue. [1 2]	4	5	Nor...	Cie. des. P. C. et Raff. de Berre.	Cabo Bl'co, Peru.	Pt. de Bouc, Fr..	Crude oil	13,716
S-42 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
S-43 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
S-46 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
S-47 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Chester Sun [1 2]	5	5	Amer..	Sun Oil Co,	Los Angeles, Cal.	Chester, Pa.	([14])	13,435
Leticia [2]	5	...	Pan...	A. Tagaropulos	Aguadulce, R. P.	Colon, R. P.	Cows, salt...	16
Viking, No. 2 [2]	5	...	Amer..	George F. Baker, Sr..	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
Benholm	5	5	Brit...	Taibaghe Co., London	New Caledonia..	Jersey City, N. J.	Chrome ore.	7,620
Point Salinas	5	6	Amer..	Swayne & Hoyt	Tacoma, Wash..	Lake Charles, La.	General	6,358
Gertrude Maersk [2]	5	7	Dan...	A. P. Moller	Bais, P. I.	New York, N. Y.	General	6,756
Frumenton	6	6	Brit...	Nitrate Corporation..	Iquique, Chile...	Alexandria,Egypt	Nitrates	11,000
Iocoma [1]	5	7	Brit...	West India Oil Co	Talara, Peru	Baytown, Tex.	Ballast	.....
Pacific Reliance [2]	6	6	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot...	General	8,531
Junin [1 3]	6	7	Col...	Colombian Governm't	B'ventura, Col...	Cartagena, Col..	.....	.....
Ruahine	6	6	Brit...	N. Z. Shipping Co	Wellington, N. Z.	London, England	Frozen, gen.	4,692
Garonne [1 2]	6	6	Nor...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	England	Gasoline	10,009
Massmar	6	6	Amer..	Calmar Line	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	6,515
Wildwood	6	6	Amer..	Shepard S. S. Co.	Seattle, Wash...	New York, N. Y.	Lumber, gen.	5,928
Annie Johnson	7	7	Swed..	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,496
Katsuragi Maru [2]	6	7	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	6,821
Fred W. Weller [1]	7	7	Amer..	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng..	Crude oil	14,538
Missourian [2]	7	7	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass.	Gen., lumber	9,831
Karnak	7	8	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	General	8,302
Anten	7	7	Swed..	Transatlantic S. S. Co.	Pt. Pirie, Aust'lia	Bilbao, Spain	Hemp, copra	8,648
Persephone [1 2]	7	7	Pan...	Waried Co	Talara, Peru	Le Havre, France	Crude oil	12,019
Bethore	8	8	Amer..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,400
Clark, No. 361 [9]	4	8	Amer..	U. S. Navy	Galapagos Is.	New York, N. Y.	.....	.....
Canadian Reefer [2]	8	8	Dan...	J. Lauritzen	S. Francisco, Cal.	Haifa, Palestine..	Fruit	1,280
Wyoming	7	9	Fr....	French Line	Tacoma, Wash..	Rotterdam, Neth.	General	7,919
Walter A. Luckenbach.	8	8	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	General	6,279
Bradfyne	8	8	Brit...	Reardon-Smith Line..	Vancouver, B. C.	London, England	Wheat	8,150
Dorothy Cahill	8	8	Amer..	Arrow Line	Aberdeen, Wash.	New York, N. Y.	Lumber	6,657
Pennsylvania	8	8	Amer..	States S. S. Co	Los Angeles, Cal.	New York, N. Y.	General	6,767
Cerigo	8	11	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	1,094
Ino [2]	8	10	Neth...	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General	533
Tuira [2]	8	9	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	60
Real [2]	8	9	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	35
Kansan	9	9	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass.	General	7,237
Texas [1]	9	9	Amer..	The Texas Co	Los Angeles, Cal.	New York, N. Y.	Gasoline	8,397
West Notus	9	9	Amer..	McCormick S. S. Co.	Seattle, Wash...	Philadelphia, Pa.	Lumber, gen.	7,675
Kingfisher [5]	9	...	Amer..	H. P. Parker	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
L-41 [5]	9	...	Amer..	U. S. Army	Balboa, C. Z.	Gatun, C. Z.	.....	.....
Parthenia	9	10	Brit...	Donaldson Bros., Ltd.	Victoria, B. C.	Glasgow, Scot...	General	6,219
Lt. Col. H. C. Schumm. [4]	10	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Orotava	10	10	Hond..	United Fruit Co	Guayaquil, Ecua.	New York, N. Y.	Bananas	590
Cacique	10	10	Amer..	Grace Line	Pisco, Peru	New York, N. Y.	Coffee, gen..	1,665
City of Canberra.	10	11	Brit...	Aust.-U. S. A.-Mont'l	Whyalla, Aust'lia	Baltimore, Md...	([15])	5,905
California Express. [2]	10	10	Nor...	Fruit Express Line	S. Francisco, Cal.	London, England	Fresh fruit..	1,667
Lill W. [5]	10	...	Amer..	M. Bailey	Miraflores, C. Z..	Cristobal, C. Z..	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [12] Cruiser. [13] Gunboat. [14] Gasoline, spirits. [15] Ore, tallow, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date cleared	Date arrived	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Pennsylvania	10	11	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,975
Lebore	11	11	Amer.	Bethlehem Steel	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Ranza [1] [2]	10	11	Nor.	Standard Oil of Calif.	S. Francisco, Cal.	Hamburg, Ger.	Gasoline	8,904
Bennekom	11	11	Neth.	Royal Neth. S. S. Co.	Penco, Chile	Hamburg, Ger.	General	8,632
Treverbyn	11	11	Brit.	Anglo-Can. S. S. Co.	British Colombia.	Liverpool, Eng.	Lum., wheat	7,400
Point Caleta	12	12	Amer.	Gulf-Pacific Line	Seattle, Wash.	New Orleans, La.	General	6,655
Onondaga	11	12	Amer.	Dutton Lumber Corp.	Linnton, Oreg.	Camden, N. J.	Lumber	2,746
Christian Holm [1] [2]	12	12	Dan.	Det. Danske Pet. A.S.	Talara, Peru	Le Havre, France	Crude oil	12,903
Socony-Vacuum [1]	12	13	Amer.	Soc.-Vac. Oil Co., Inc.	Los Angeles, Cal.	New York, N. Y.	Gasoline	13,855
Taranger [2]	12	13	Nor.	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	General	6,830
Edgar F. Luckenbach.	12	13	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	9,644
Mallard [4]	13	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Gen. M. H. Sherman.	12	13	Amer.	Matson Line	Khului, P. I.	New York, N. Y.	General	6,782
Goolistan	13	13	Brit.	Anglo-Can. S. S. Co.	N.Westm'er,B.C.	London, England	([14])	10,000
Chateau Thierry [8]	8	14	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	55
Paul Luckenbach.	13	13	Amer.	Luckenbach Line	Pt. Tow'd, Wash.	Boston, Mass.	Lumber, gen.	6,305
Angol	13	14	Chile.	Chilean-N. Amer. Line	Corral, Chile	New York, N. Y.	General	5,880
Grenland	13	18	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	360
Allan Jackson [1]	13	14	Amer.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	9,713
Dinteldijk [2]	13	14	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	7,642
Clio [2]	14	15	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	433
Istmo	14	15	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	642
Gustaf E. Reuter. [1] [2]	14	14	Swed.	Bowring, Hardy & Co.	Los Angeles, Cal.	London, England	Gas oil	9,001
Dakotan	14	14	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,925
Empire State [15]	11	14	Amer.	New York State	Callao, Peru	New York, N. Y.	.....	.....
Mary Ann [16]	14	14	Amer.	U. S. Navy	Cucaracha, C. Z.	Cristobal, C. Z.	.....	.....
Winslow [17]	14	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Marore	15	15	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Tacoma [2]	15	15	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	8,180
Lapwing [4]	15	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Kanawha [1]	14	17	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.	Oil, gasoline.	7,850
Herbjorn [1] [2]	14	15	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	Stove oil	10,590
Willhilo	14	15	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Gen., lumber	6,700
Istok	14	15	Y-Slav	Yugoslav-Lloyd, Ltd.	Tocopilla, Chile.	Azores [18]	Nitrates	8,850
Lahn	15	16	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	11,102
Trematon	15	15	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Cardiff, Wales	Wheat, lum.	7,610
Durazzo	15	16	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Pto. Colombia	General	1,045
Memphis City	15	15	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	London, England	General	8,010
Gaelic Star	15	15	Brit.	Blue Star Line	N.Westm'er,B.C.	Liverpool, Eng.	Frozen, gen.	5,747
Maria Cristina [2]	14	...	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([19])	14
Mecca [2]	14	...	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [14] Zinc cone, lumber. [15] Training ship. [16] Crane boat. [17] And barge. [18] For orders. [19] Plantains, lumber.

United States Government Vessels Transiting Canal Free of Tolls

Vessels of the United States Government are passed through the Panama Canal without payment of tolls. For the 10 fiscal years, 1927 to 1936 inclusive, 4,984 United States Government vessels passed through the Canal without the payment of tolls. For the greater part these were United States naval vessels. Had tolls been collected from the United States Government on these vessels, at rates corresponding with those charged against other ships using the Canal, the revenues received by the Canal from tolls would have been increased by approximately $1,000,000 per year.

The following tabulation shows the number of United States Government vessels transiting the Canal from 1927 to 1936 inclusive, and the approximate amount of additional revenue which would have been received from these vessels had tolls been paid on the basis of prevailing rates:

Fiscal year	No. of transits	Tolls	Fiscal year	No. of transits	Tolls
1927	563	$1,275,995.25	1933	434	$747,929.58
1928	450	889,350.54	1934	484	1,065,722.87
1929	553	1,031,272.17	1935	527	1,118,339.93
1930	545	1,134,545.06	1936	426	782,941.16
1931	544	1,157,853.20			
1932	458	899,851.40	Total	4,984	10,103,801.16

Comparison of Traffic at the Suez and Panama Canals for the Fiscal Years 1934-5 and 1935-6

The following is a comparison of traffic at the Suez and Panama Canals for the fiscal years 1934-5 and 1935-6.

Month	Suez Canal			Panama Canal		
	Number of transits		Percent increase	Number of transits		Percent increase
	1934–5	1935–6		1934–5	1935–6	
July	437	487	11.4	394	377	[23] 4.3
August	463	503	8.6	401	395	[23] 1.5
September	468	531	13.5	435	391	[23] 10.1
October	527	604	14.6	467	441	[23] 5.6
November	474	548	15.6	469	418	[23] 10.9
December	466	493	5.8	443	459	3.6
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
April	506	490	[23] 3.2	432	482	11.6
May	481	484	0.6	424	488	15.1
June	458	426	[23] 7.0	405	481	18.7
Total	5,661	6,118	8.1	5,180	5,382	3.9

Month	Suez Canal			Panama Canal		
	Tolls collected		Percent increase	Tolls collected		Percent increase
	1934–5	1935–6		1934–5	1935–6	
	Thousands	*of francs*		*Thousands*	*of dollars*	
July	63,210	71,730	10.0	1,823	1,684	[23] 7.6
August	69,930	71,640	2.4	1,907	1,757	[23] 7.9
September	67,860	73,410	8.2	1,948	1,781	[23] 8.6
October	78,670	85,670	8.9	2,098	1,964	[23] 6.4
November	70,720	79,790	12.8	2,138	1,797	[23] 15.9
December	70,560	71,330	1.1	1,952	1,997	2.3
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
March	74,990	78,960	5.3	2,018	2,294	13.7
April	79,210	70,110	[23] 11.5	1,891	2,080	10.0
May	72,140	71,010	[23] 1.6	1,996	2,081	4.3
June	68,600	63,450	[23] 7.5	1,798	2,073	15.3
Total	857,100	884,250	3.2	23,307	23,479	0.7

[23] Decrease.

Police Canvass of Civil Population of Canal Zone

The annual house-to-house canvass of the civil population of the Canal Zone taken by the Police and Fire Division during the month of June 1936, resulted in a count of 29,190 as the total number of civilian inhabitants. This was a decrease of 446 from the population reported in the canvass taken in June 1935.

The Balboa district showed a decrease of 272. The Cristobal district showed a decrease of 145. There was a decrease of 29 in the number of prisoners. Employees of The Panama Canal and Panama Railroad residing in the Canal Zone numbered 7,315, a decrease of 238 compared with last year.

The population as of June 1936, was distributed as follows:

District	Americans					All Others					Total	Total employees
	Men		Women		Children	Men		Women		Children		
	Total men	Employees	Total women	Employees		Total men	Employees	Total women	Employees			
Balboa	2,142	1,842	2,341	332	2,065	3,479	2,473	2,244	38	5,312	[16] 17,583	[17] 4,685
Cristobal	517	387	630	28	712	3,044	2,181	1,927	34	4,679	[18] 11,509	[19] 2,630
Prisoners	10	.....	.....	.....	.....	87	.....	1	.....	.....	[20] 98	.....
Total employees	.....	2,229	.....	360	.....	.....	4,654	.....	72	.....	.....	[21] 7,315
Total inhabitants	2,669	.....	2,971	.....	2,777	6,610	.....	4,172	.....	9,991	[22] 29,190	.....

[16] Decrease of 272. [17] Decrease of 181. [18] Decrease of 145. [19] Decrease of 57. [20] Decrease of 29. [21] Decrease of 238. [22] Decrease of 446.

Notices to Mariners

BALBOA HEIGHTS, C. Z., *July 21, 1936.*

No. 118.

The following information has been received from H. B. M. Vice Consul at Colon, R. P., relative to the existence of a shoal in Boca Grande, at the entrance to the Gulf of Paria, Port-of-Spain, Trinidad:

H. M. S. *Challenger* has reported the existence of a shoal in the Boca Grande at the entrance to the Gulf of Parai.

"Particulars: Least depth 7¾ fathoms (reduced to L. W. O. S. T.) in a position 262¾°, 3.26 miles from Chacachacare Lighthouse, latitude 10°41′ N., longitude 61°40′ W. approximate.

"The nature of the bottom at this position is coral."

The following information is quoted from Notice to Mariners No. 30, dated Washington, D. C., July 22, 1936:

(1) "*Panama, Pacific coast, Isla Parida, nonexistence of shoal southward.*—The 2½ fathom shoal reported 4.75 miles 193°40′ from Linartes Island light does not exist. The area has been dragged to a depth of 47 feet, and many soundings taken showed 16 fathoms to exist. The shoal will be removed from the charts.

"Approximate position of Linartes Island light—latitude 8°07′ N., longitude 82° 15′ W."

(2) "*Caribbean Sea, Colombia, Old Providence Island light reported irregular.*—The commanding officer of the U. S. S. *Memphis* reports under date of June 29, 1936, that Old Providence Island light was recently observed to be showing a period of 8 seconds, flash 0.3 second, eclipse 7.7 seconds.

"Approximate position: 13°19′ N., 81°23′ W."

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 25 percent surcharge, to individuals and companies, as of June 6, 1936:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.25
Bronze, Tobin, average	Lb.	.20
Gasoline, motor grade	Gal.	.14
Metal, yellow	Lb.	.25
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.25
Oil, burning, Colza	Gal.	1.06
Oil, engine, gas, light, in drums, No. 2135	Gal.	.23
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.11
Oil, marine engine	Gal.	.36
Paint, lead, white, dry	Lb.	.10
Paint, lead, white, in oil	Lb.	.11
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.06
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, with out passing through the locks at the other end, are charged tolls for one passag only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return f the sole purpose of having repairs made at the Balboa drydock and sho will be exempt from payment of tolls, but a charge will be made for pilota and for handling lines as provided for in the current tariff or supplemen thereto.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristol for delivery of supplies to steamships, carries a complete line of provisions, such meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobac etc., which are sold to ships at reasonable prices. Beef especially is available at l prices.

Orders may be placed in advance by radio for delivery on arrival, or at either t minal for prompt delivery or for delivery at the other terminal after transit.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery suppl available for sale to ships at C. I. F. cost plus 25 per cent surcharge which co s local freight, handling, and other costs.

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Traffic Through the Panama Canal in August 1936

The total vessels of all kinds transiting the Panama Canal during the month of August 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	August 1934	August 1935	August 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	394	377	251	222	473
Local commercial vessels[1]	40	52	37	20	57
Noncommercial vessels:					
United States Government	45	26	15	17	32
Colombian Government	.....	2	1	1	2
For repairs	4	2	.....	1	1
State of New York	.....	.....	.....	1	1
Total	483	459	304	262	566

[1] Vessels under 300 net tons Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC[2]

The following tabulation of the ocean traffic transiting the Canal shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected, each month for the 12 months ended August 31, 1936, as compared with the same period last year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
September	435	391	2,332,351	2,095,599	2,142,832	1,994,487	$1,947,536.76	$1,780,805.80
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	2,098,299.03	1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,102.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,144.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
Total	5,157	5,539	27,521,408	28,649,002	24,984,623	27,555,485	23,018,241.61	24,088,849.96

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels[3] for August 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 109	569,958	479,003	Japanese	[6] 28	153,184	163,973
Chilean	1	4,240	5,880	Netherlands	19	67,624	44,940
Cuban	[5] 2	.....	.....	Norwegian	55	267,020	261,317
Danish	16	80,670	73,311	Panamanian	11	30,879	32,253
French	6	36,650	28,416	Swedish	11	51,772	84,627
German	26	95,466	109,599	United States	176	976,196	1,058,420
Greek	6	27,978	41,241	Yugoslav	1	4,741	8,850
Honduran	2	3,174	590				
Italian	4	28,754	3,911	Total	473	2,398,306	2,396,331

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes 2 naval vessels of 17,889 displacement tons. [5] Two naval vessels of 2,160 displacement tons. [6] Includes 2 naval vessels of 20,285 displacement tons.

Traffic by Trade Routes, August 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	57	329,765	260,748	62	361,658	478,119
East coast United States and:						
Canada	9	43,018	9,529	2	10,253	13,496
South America	21	79,419	14,503	16	63,537	156,688
Hawaiian Islands	4	20,858	10,018	6	29,287	36,996
Australasia	6	34,001	25,481	5	25,729	37,801
Philippine Islands	8	50,496	34,392	14	85,648	97,685
Far East	26	139,980	195,368	5	28,842	25,232
Canadian intercoastal	1	3,902	5,882	2	10,652	13,797
East coast Canada and:						
United States	1	4,610	.....	.....	.....	.....
South America	3	16,642	3,476	4	25,055	49,345
Australasia	3	13,866	14,068	4	19,198	22,277
Philippine Islands	1	6,793	5,467	.....	.....	.....
Far East	1	4,645	7,805	.....	.....	.....
East coast Central America and:						
United States	.....	.....	.....	1	2,774	5,007
South America	1	5,381	10,385	.....	.....	.....
South American intercoastal	6	13,181	15,679	1	1,041	1,045
East coast South America and:						
United States	1	5,026	6,909	.....	.....	.....
Canada	1	4,722	3,257	1	4,834	5,677
Far East	1	7,624	4,141	.....	.....	.....
Cristobal and:						
United States	1	5,047	.....	.....	.....	.....
Central America	5	5,637	3,910	4	4,088	1,718
South America	11	6,502	2,301	11	6,749	8,018
West Indies and:						
United States	2	11,709	.....	4	21,366	41,246
Central America	1	5,935	6,952	.....	.....	.....
South America	2	8,426	7,852	.....	.....	.....
Australasia	1	4,988	7,875	.....	.....	.....
Far East	.....	.....	.....	1	4,663	7,364
Europe and:						
United States	12	56,810	17,740	10	43,329	80,464
Canada	28	164,317	44,914	35	196,761	274,624
Central America	1	3,457	2,509	.....	.....	.....
South America	17	102,870	24,194	21	123,967	204,517
Australasia	6	53,931	17,838	6	41,344	39,728
Far East	1	6,345	.....	1	4,681	7,225
Egypt and South America	.....	.....	.....	1	6,028	11,000
Around the world	2	18,461	7,750	1	6,037	6,369
Foreign vessels in ballast (United States intercoastal)	7	31,854	.....	.....	.....	.....
Vessels not engaged in commerce	[7] 3	.....	.....	[8] 4	567	.....
Total	251	1,270,218	770,943	222	1,128,088	1,625,388

[7] Naval. [8] Three naval vessels, 1 yacht.

Origin and Destination of Cargo by Major Areas, August 1936

The following table summarizes the origin of cargo passing through the Canal in August 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	277,091	13,982	231,822	12,983	19,381	555,259
Other North America	903	17,120	9,147	27,279	28,066	82,515
Europe	51,845	12,424	.....	22,635	17,625	104,529
Miscellaneous	10,941	163	2,628	14,718	190	28,640
Total	340,780	43,689	243,597	77,615	65,262	770,943

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	475,033	56,155	153,044	6,285	690,517
Canada	16,096	11,889	199,723	869	228,577
Other North America	38,284	2,006	392	.....	40,682
South America	151,305	64,519	203,739	11,050	430,613
Australasia	45,509	14,605	39,642	.....	99,756
Asia	115,869	12,139	7,225	10	135,243
Total	842,096	161,313	603,765	18,214	1,625,388

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during August 1936 or August 1935 are listed below:

Commodity	August		Commodity	August	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Asphalt and tar	16,134	7,065	Barley	23,707	17,242
Automobiles and parts	15,006	16,592	Canned goods, various	68,536	100,740
Canned goods, various	11,908	10,758	Cold storage (food products) [9]	15,525	18,387
Coal and coke	10,198	4,714	Copra	8,820	21,382
Cotton, raw	11,165	3,698	Flour	20,500	29,685
Iron and steel	106,763	156,800	Fruit, dried	18,818	25,893
Machinery	11,880	10,667	Fruit, fresh [10]	23,233	13,476
Metals, various	13,115	18,760	Lumber	166,812	241,224
Oils, mineral	32,732	78,063	Metals, various	48,402	51,059
Ores	23,956	18,191	Nitrates	57,317	57,594
Paper	33,641	38,630	Oils, mineral	344,466	376,100
Phosphates	25,080	14,615	Oils, vegetable	20,993	18,802
Scrap metal	92,064	139,747	Ores (principally iron)	96,959	189,036
Sulphur	12,257	19,214	Paper	8,363	13,364
Tinplate	18,708	13,348	Rice	6,635	10,275
			Sugar	119,827	123,012
Pacific to Atlantic			Wheat	82,229	111,113
Asphalt and tar	21,605	9,706	Wood pulp	14,934	16,419

[9] Does not include fresh fruit. [10] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of August 1936, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	14	7
Agricultural implements	700	279	3,301	279
Alfalfa meal	.....	624	.....	980
Ammonium compounds	204	.....	4,486	.....
Animal foods [11]	13	189	13	484
Apparel, wearing (hats, shoes, clothing, etc.)	294	.....	299	6
Asbestos	1,014	.....	1,371	.....
Asphalt and tar	297	9,036	7,065	9,706
Automobiles (and autotrucks)	2,708	97	10,340	130

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Automobile parts and accessories	680	95	6,252	95
Bags and bagging, textile	144	35	653	177
Bamboo and products	.....	.....	.....	146
Bananas	.....	.....	.....	1,396
Barks, miscellaneous	12	83	37	367
Barley	.....	604	8	17,242
Beans, edible, dry	75	3,967	75	8,699
Beer	172	.....	319	.....
Beverages, nonalcoholic	481	163	481	175
Blood and tankage	.....	.....	641	.....
Bones and bonemeal	.....	23	1,174	59
Books and printed matter	.....	134	3	134
Borax	249	1,222	250	7,248
Bran and pollards	22	.....	196	1,707
Bricks and tile	327	.....	547	20
Camphor, crude	.....	.....	.....	74
Canned and preserved goods:				
Fish	712	14,809	903	19,786
Fruit	520	36,961	629	58,873
Meat	573	726	1,661	834
Milk	.....	896	249	1,022
Soup	2,876	212	2,922	212
Vegetables	914	7,132	954	7,840
Miscellaneous and unclassified	2,641	10,315	3,440	12,173
Carbon black	52	.....	261	.....
Celite	.....	1,590	.....	1,590
Cement	707	13	7,257	149
Chalk	.....	.....	592	.....
Charcoal	55	.....	293	.....
Chemicals [11]	4,971	982	9,520	1,652
Clay, china and fire	1,753	456	2,062	541
Clay, filtering	25	241	25	510
Coal	824	.....	1,278	.....
Cocoa and cacao beans	414	631	1,993	2,413
Coconuts and products [11]	110	1,489	156	3,254
Coffee	113	144	3,168	9,888
Coke	39	.....	3,436	.....
Cold storage and refrigerated products:				
Dairy products	209	189	377	4,346
Eggs	.....	200	.....	482
Fish	.....	.....	23	378
Lard	164	209	275	364
Meats	.....	139	156	9,477
Poultry	109	218	109	218
Vegetables	193	840	195	1,817
Other and unclassified	119	68	163	1,305
Confectionery	797	13	868	13
Copra	.....	.....	.....	21,359
Copra meal and cake	.....	23	.....	23
Corn	.....	.....	1,500	.....
Cotton, raw	156	806	3,698	9,798
Creosote	.....	.....	5,882	.....
Drugs and medicines	2,052	33	2,065	33
Dyes	.....	.....	190	34
Earthenware	26	.....	26	374
Eggs, dried	.....	.....	.....	527
Electrical apparatus and appliances	560	91	2,156	193
Explosives	.....	.....	230	.....
Extract, quebracho	.....	.....	690	.....
Fertilizers [11]	712	1,224	2,036	1,517
Fish, salted or dry-cured	.....	328	.....	328
Fish meal	.....	.....	2	909
Floor coverings	1,907	638	1,921	1,238
Flour	413	26,337	1,092	29,685
Fruit, dried	180	10,679	195	25,893
Fruit, fresh [11]	42	2,743	42	13,476
Furniture and household goods	845	237	902	254
Gallnuts	.....	.....	.....	35
General	22,189	6,757	59,314	18,593
Glass and glassware	2,873	540	5,522	1,214
Glue	101	42	101	55
Grains [11]	.....	137	44	137
Groceries	625	102	694	1,071
Gums	.....	38	8	224
Hair, all kinds	27	68	83	334
Hay	.....	731	.....	774
Hemp, unmanufactured	67	167	117	1,398
Honey	.....	230	.....	467
Horns and hoofs	.....	.....	51	.....
Infusorial earth	.....	104	.....	397

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	122,464	1,413	156,800	1,486
Ivory nuts	186	120	464	2,837
Jute, unmanufactured	335	.....	423	.....
Lard substitute	220	104	220	104
Lime	.....	.....	253	.....
Liquors	3,050	1,072	4,290	1,152
Lumber (including manufactured mill products)	3,056	123,049	3,490	241,224
Machinery	3,807	1,059	10,667	1,370
Malt	23	.....	765	60
Manufactured goods [11]	5,264	369	6,860	2,708
Marble and granite	64	.....	502	.....
Matches	125	33	191	33
Metals:				
Antimony	25	.....	25	676
Copper	147	9,393	3,343	24,954
Gold and silver	.....	.....	.....	10
Iron	1,543	290	10,367	301
Lead	18	1,580	2,824	16,801
Tin	80	.....	324	962
Zinc	209	110	1,379	6,785
Other and unclassified	137	234	498	570
Milk, powdered	24	514	103	583
Molasses and syrups	730	15	769	281
Nitrates	4,292	.....	5,391	57,594
Nuts, edible (including meats)	9	40	118	507
Oats	125	579	127	4,879
Oils, mineral:				
Crude	410	38	23,620	145,567
Gas and fuel	.....	.....	14,839	32,427
Gasoline, benzine, and naphtha	6,598	90,819	20,753	170,348
Kerosene	.....	10,066	1,112	26,121
Lubricating and greases	8,022	1,255	16,994	1,637
Other and unclassified	352	.....	745	.....
Oils, vegetable:				
Coconut	88	.....	88	9,874
Cottonseed	13	.....	998	15
Linseed	45	.....	220	.....
Olive	70	45	168	45
Rapeseed	.....	366	20	552
Wood	49	259	67	4,074
Other and unclassified	504	860	692	4,242
Oil, fish	165	732	219	823
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	221	83	2,122	518
Oilseed cake aud meal	447	.....	447	5,645
Ores:				
Antimony	.....	.....	.....	136
Chrome	2	.....	2	17,120
Copper	.....	1,216	3	2,138
Gold and silver	.....	.....	17,740	3,521
Iron	.....	.....	10	144,703
Lead	.....	75	.....	5,016
Magnesite	.....	843	.....	1,347
Manganese	.....	76	265	4,271
Tin	.....	.....	.....	4,979
Zinc	.....	.....	34	4,331
Other and unclassified	120	.....	137	1,474
Paints and varnishes	1,749	313	2,366	421
Paper and paper products [11]	11,068	6,483	38,485	12,906
Paper scrap	.....	458	145	458
Peanuts	309	.....	309	.....
Peas, dry	.....	.....	.....	15
Peatmoss	.....	.....	1,134	.....
Phosphates	790	.....	14,615	.....
Plaster	22	.....	56	.....
Porcelain ware	439	413	962	6,883
Potash	.....	2,600	2,245	3,671
Pyrethrum flowers	.....	.....	.....	67
Rags and waste	219	389	1,211	2,138
Railroad material	5	.....	1,063	5,007
Rice	68	832	490	10,275
Rope and twine	213	32	248	72
Rosin	1,925	27	5,250	27
Rubber:				
Manufactured	801	427	1,129	3,618
Raw	44	.....	166	4,917
Scrap	.....	.....	50	13
Salt	188	.....	2,228	35
Sand	18	.....	1,735	775
Scrap metal	1,111	432	139,747	444

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Seeds (except oilseeds)	.....	817	788	2,040
Shells, oyster	679	.....	679	321
Silk, raw	.....	2,669	1	4,379
Skins and hides	12	2,978	661	7,133
Slag	.....	.....	700	.....
Slate	2,627	.....	2,627	.....
Soaps and products	3,050	86	3,238	167
Soda and sodium compounds:				
Soda ash	1,843	.....	1,930	760
Soda, caustic	36	.....	951	.....
Miscellaneous and unclassified	752	.....	896	65
Soya beans	18	.....	30	7,225
Sugar	266	30,396	8,230	123,012
Sulphur	17,104	.....	19,214	220
Talc	57	36	67	169
Tallow	22	2,207	22	8,196
Tea	15	35	69	831
Textiles [12]	4,051	101	6,583	6,643
Tinplate	2,397	.....	13,348	.....
Tobacco and manufactures	975	13	4,005	147
Toilet preparations	195	.....	210	386
Turpentine	277	.....	809	.....
Vegetables, dry [11]	.....	.....	32	1,045
Wallboard	764	.....	938	684
Wax, paraffin	89	.....	1,394	147
Wheat	.....	12,652	169	111,113
Wines	413	1,645	857	2,205
Wood pulp	335	13,797	7,912	16,419
Wool	49	1,409	410	4,930
Total, August 1936	277,091	475,033	770,943	1,625,388
Total, August 1935	216,867	388,792	672,957	1,346,341
Total, August 1934	142,820	593,245	551,450	1,636,330

[11] Except as otherwise classified. [12] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of August 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	34,874	6,392	10	58,675	[14] 110,554
East coast United States and:						
South America	2	8,077	1,007	1	1,140	.....
Philippine Islands	.....	.....	.....	1	3,761	[15] 6,685
Far East	1	5,635	11,210	.....	.....	.....
Canadian intercoastal	1	3,902	[13] 5,882	.....	.....	.....
East coast Canada and South America	1	7,717	.....	4	25,055	49,345
East coast Central America and South America	1	5,381	10,385	.....	.....	.....
South American intercoastal	2	9,968	13,357	.....	.....	.....
Cristobal and United States	1	5,047	.....	.....	.....	.....
West Indies and:						
United States	2	11,709	.....	4	21,366	41,246
Central America	1	5,935	6,952	.....	.....	.....
South America	1	6,054	7,852	.....	.....	.....
Europe and:						
United States	3	19,531	.....	8	38,663	77,517
South America	4	24,568	.....	8	51,718	103,751
Far East	1	6,345	.....	.....	.....	.....
Total	27	154,743	63,037	36	200,378	389,098

[13] Creosote. [14] Includes 9,018 tons asphalt. [15] Coconut oil.

Comparison of Canal Traffic in August 1936, with August Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of August			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	148	[16] 492	571	1915	[17] 100	361	466
1916	131	443	506	1916	60	199	258
1917	161	510	578	1917	145	483	588
1918	152	451	534	1918	165	547	627
1919	183	586	716	1919	162	510	576
1920	238	948	1,040	1920	199	712	781
1921	230	965	839	1921	232	950	966
1922	250	1,084	1,166	1922	222	951	907
1923	445	2,232	2,168	1923	325	1,550	1,631
1924	369	1,902	1,958	1924	429	2,179	2,249
1925	364	1,779	1,912	1925	382	1,904	1,996
1926	450	2,230	2,320	1926	424	2,064	2,169
1927	525	2,512	2,429	1927	441	2,184	2,311
1928	510	2,435	2,424	1928	521	2,453	2,468
1929	519	2,556	2,680	1929	524	2,485	2,554
1930	455	2,344	2,147	1930	502	2,497	2,502
1931	377	1,997	1,788	1931	447	2,314	2,089
1932	298	1,657	1,348	1932	364	1,968	1,650
1933	393	2,159	1,913	1933	347	1,900	1,513
1934	401	2,245	2,188	1934	436	2,379	2,059
1935	395	2,102	2,019	1935	432	2,317	2,109
1936	473	2,398	2,396	1936	449	2,335	2,209
				([18])	479	2,456	2,387

[16] Canal opened August 15, 1914. [17] Average for 10½ months. [18] Average 8 months of calendar year 1936.

Terminal Activities

Ships repaired during the month of August 1936, numbered 51; of this number, 12 were drydocked. Fuel oil in the quantity of 262,530 barrels was delivered as bunkers to 122 commercial ships. Bunker coal amounting to 5,395 tons was delivered to 21 commercial ships. Sales of commissary supplies to ships aggregated $60,129.19.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	24,254	6,854	31,108
Local cargo shipped ... tons	4,566	558	5,124
Cargo received for transshipment ... tons	35,789	2,304	38,093
Cargo transshipped ... tons	36,684	1,139	37,823
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	.....	7
Number of releases issued	31	12	43
Tons received	47	.....	47
Tons withdrawn	69	8	77

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	545	3,249,903	1,928,894	523	3,019,176	1,806,323
Vessels entering port but not transiting Canal	54	311,037	173,110	16	62,907	37,865
Vessels transiting Canal and handling passengers and cargo at terminal ports	130	824,076	480,344	96	653,730	373,679
Ships clearing						
All vessels, including those transiting Canal	548	3,237,121	1,922,384	519	3,004,392	1,796,607
Vessels clearing port but not transiting Canal	56	317,992	177,054	16	64,890	39,083
Vessels transiting Canal and handling passengers and cargo at terminal ports	131	811,182	474,094	94	634,983	362,107

Cargo Discharged and Laden in Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, August 15, 1936, to midnight, September 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

City of Elwood, 341, 0
Rhakotis, 128, 1
Este, 10½, 329
Counsellor, 211, 0
Canadian Britisher, 18, 308
San Antonio, 108, 190
Trois Ilets, 335, 26
Feltre, 23½, 0
Virgilio, 17, 287
Eidsvold, 665, 0
Quirigua, 29, 455
Caribia, 16, 578½
Santa Paula, 116, 1
San Rafael, 421, 0
San Pedro, 114, 145
Nojimo Maru, 444, 0
Anna Maersk, 0, 77
Mantilla, 5,688, 0
Lochgoil, 233, 42
La Paz, 9, 189
Contessa, 61, 307
Acajutla, 508, 421
Nansenville, 8, 160
Duesseldorf, 45, 99
Santa Lucia, 488, 310
Cristobal, 1,721, 819
Santa Barbara, 285, 229
Kiani Maru, 491, 115½
Peten, 97, 41
Santa Elena, 62, 70
Canadian Cruiser, 63, 39
Sixaola, 381, 180
Scottish Heather, 10,697, 0
Ino, 292½, 87
Istmo, 701, 55
Cali, 1,334, 218
Colombia, 45, 825
Toloa, 201, 357½
Margaret Lykes, 209, 201
Durazzo, 97, 128
Costa Rica, 2, 527
Barneveld, 6, 0
Real, 0, 36
Tuira, 0, 67
Sambu, 0, 25
Trois Ilets, 191, 99
Peten, 7, 401
Chimu, 459, 2
Loriga, 102, 0
Osnabruck, 182, 71
Santa Inez, 64, 25
Pereira, 0, 32¾
Cefalu, 68, 208
Alkmaar, 80, 183
Mayan, 303½, 1,284
Seattle, 52, 788
Shinko Maru, 581, 0
Kurama Maru, 329, 0
Tai Ping, 593, 0
Santa Maria, 556, 330
Tatsuno Maru, 488, 0
Delftdyk, 115, 10
Buenaventura, 1,402, 492
Veragua, 175, 55
Yankee Arrow, 667, 0
Tivives, 771, 176
Cerigo, 1,096, 0
Orazio, 41, 27
Clio, 572, 92
Strassfurt, 404, 270
Simon Bolivar, 7, 401
Haiti, 207, 677
Ulua, 465, 324
Dakarian, 323, 0
Flandre, 70, 984
Cacique, 196, 590
Veragua, 33, 125
West Cactus, 29, 43
Register, 253, 0
Benjamin Franklin, 12, 0
Hokkai Maru, 0, 181
Stella, 0, 65
Santa Rosa, 91, 0
Amasis, 223, 0
Amasis, 0, 116
President Lincoln, 106, 0
Contessa, 103, 212
Pereira, 734, 0
Buenos Aires, 0, 231
Phrygia, 55, 874
Salvador, 197, 613
Antofagasta, 252, 0
Winnepeg, 32, 0
Pasajero, 0, 19½
Margaret Johnson, 242, 89
Santa Lucia, 585, 218
Santa Clara, 152, 6
Ancon, 2,929, 981
San Vicente, 521, 1
Kano Maru, 597, 0
Drechtdijk, 200, 265
Trois Ilets, 205, 0
Quirigua, 66, 35
Santa Paula, 152, 140½
Weser, 61, 4
Kwansai Maru, 813, 19½
Metapan, 608, 458
Alabama, 528, 0
Ino, 407, 43
Cerigo, 794, 393
Peter Maersk, 535, 0
Palatia, 209, 80
Pastores, 226, 938
Calamares, 347, 828
Wisconsin, 150, 278
Istmo, 292, 280
Simon Bolivar, ½, 960
Cordillera, 141, 31
Laurits Swenson, 3, 73
Canada, 0, 26
Nurnberg, 280, 411
Cumbal, 229, 2
Quirigua, 6¼, 433
Orduna, 35, 8
Register, 0, 65
Manizales, 796, 0
Knute Nelson, 185, 0
Grenland, 270¼, 930¼
Santa Rita, 154, 5
Cefalu, 159, 344
Elbe, 36, 366
San Anselmo, 160, 0
Baltic, 13,268, 0
Santa Maria, 12,150, 0
Guayaquil, 1,347, 559
Munchen, 200, 308
Pasajero, 11, 24
Peten, 97, 26
Santa Inez, 100, 235
California, 0, 1
Nictheroy, 125, 95
Tela, 643, 185
Clio, 456, 42½
Ruth Lykes, 913, 227
Toloa, 290, 464
Eridan, 90, 4
Dessau, 5, 8
Noto Maru, 1,091, 0
Chimu, 295, 190
Reina del Pacifico, 46, 141
Colombia, 99, 638
Colombie, 27, 1,452
Durazzo, 1,088, 0
West Nilus, 1, 0
Wanderer, 261, 0
Europa, 2, 0
Manizales, 3, 157
Pereira, 0, 199
Cordillera, 16, 1,462
Fella, 424, 316
Istmo, 537, 216
Lillehorn, 119, 0
Vancouver, 299, 101
Peten, 7, 232
Montreal Maru, 634, 108
Baarn, 89, 264
Santa Elena, 63, 10
Helgoland, 93, 29
Rialto, 30½, 0
Crynssen, 63, 13
Contessa, 51, 266
Acajutla, 410, 0

BALBOA

Cumbal, 0, 21
Talamanca, 524, 19
Santa Paula, 151, 36
Santa Lucia, 64, 6
Grenland, 0, 2
Santa Barbara, 283, 102
Republic, 283, 87
Antigua, 608, 196
Chimu, 180, 10
Tai Ping, 385, 0
Alkmaar, 177, 29
Charcas, 125, 0
Santa Maria, 225, 20
Pennsylvania, 10, 90
President Polk, 9, 0
Santa Rosa, 61, 0
Cacique, 1, 50
Grant, 30, 0
Benjamin Franklin, 0, 58
Chiriqui, 688, 10
Hollywood, 1,803, 0
Santa Clara, 55, 0
Salvador, 1, 0
Santa Lucia, 297, 2
Akaroa, 13, 0
Peter Maersk, 178, 0
Santa Paula, 22, 45
Laurits Swenson, 1, 0
Talamanca, 583, 37
Cumbal, 4, 0
Salvador, 0, 43
Scottsburg, 625, 190
Frank G. Drum, 9,608, 0
Cerigo, 0, 3
Geisha, 166, 0
Grenland, 398, 0
Brasil, 146, 136
Knute Nelson, 477, 0
Santa Rita, 3, 0
Santa Maria, 11, 0
Cuba Maru, 165, 0
Chateau Thierry, 200, 45
Santa Inez, 138, 44
President Adams, 12, 0
California, 10, 93
Clio, 0, 114
Fella, 381, 0
Chimu, 8, 32
Manizales, 0, 1
Antigua, 395, 14
Rangitata, 19, 0
Santa Elena, 306, 82
Iocoma, 712, 0
Acajutla, 3, 0
Baarn, 39, 88
Sveadrott, 59, 0
Condor, 192, 0
Grenland, 0, 36

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,219; embarking, 2,081; at Balboa, 1,392 disembarking and 1,286 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,226, from the Pacific to the Atlantic, 4,640. Aircraft numbering 41 entered Cristobal, and 178 passengers disembarked; clearances were 41, with 167 passengers embarking; at Balboa entries of aircraft were 28, with 92 passengers disembarking; clearances, 28, with 81 passengers embarking.

Sale of Floating Equipment

The Panama Canal offers for sale to the highest bidder the steel sea-going tug *Engineer*. Sealed proposals will be received in the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., and the Chief Quartermaster, The Panama Canal, Balboa Heights, Canal Zone, not later than 10:30 o'clock a. m., October 16, 1936. Forms of proposals, Circular No. 3181, with full particulars, may be had upon application to the above mentioned offices.

Movements of Ocean Vessels Through the Panama Canal

From midnight August 15, 1936, to midnight September 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cumbal [2]	15	16	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,238
Petter [1] [2]	15	16	Nor.	Prod. Chem. de Berre	Pt. de Bouc, Fr.	Talara, Peru	Ballast	.....
Berganger [2]	16	16	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	81
Manizales	13	16	Ger.	North German Lloyd.	Pto. Colombia	Guayaquil, Ecua.	Gen., beer	227
Pensilva	16	...	Brit.	LongIs.Mach.&Equip.	Jacksonville, Fla.	Yawata, Japan	Scrap iron	7,098
Steel Exporter	16	16	Amer.	Isthmian S. S. Lines	Portland, Me.	Tacoma, Wash.	Steel, gen.	5,179
Leticia [3]	16	16	Pan.	A. Tagaropulos	Cristobal, C. Z.	Aguadulce, R. P.	General	2
Maloja	16	16	Nor.	Camillo Eitzeen	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Nyhorn [2]	16	16	Nor.	Scand.-S. Pacific Line.	Goth'burg, Swed.	Valparaiso, Chile.	([13])	1,547
Yorkmar	16	16	Amer.	Calmar S. S. Corp.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,369
Pacific Pioneer [2]	16	17	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	836
Canadian Constructor.	16	17	Brit.	Montreal-Aust.-N. Z.	Montreal,Canada	Adelaide, Aust'lia	General	4,597
African Reefer [2]	16	17	Dan.	J. Lauritzen	Elsinore, Den.	Seattle, Wash.	Ballast	.....
Kanawha [1]	15	17	Amer.	U. S. Navy	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Feltre [2]	16	17	Ital.	Nav. Lib.-Triestina	Trieste, Italy	Vancouver, B. C.	General	632
Awatea	17	18	Brit.	Union S. S. Co., N. Z.	Greenock, Eng.	Wellington, N. Z.	Ballast	.....
Kwanto Maru [2]	17	17	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	([14])	8,760
Trois Ilets	16	17	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	28
Mathew Luckenbach.	17	17	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	7,387
Enoch [3]	17	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	([15])	.....
San Rafael	17	18	Amer.	States S. S. Co	New York, N. Y.	Seattle, Wash.	General	4,390
San Pedro	17	18	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	1,226
Mauna Ala	18	18	Amer.	Matson Isth. Line	Baltimore, Md.	Hawaiian Islands	([16])	2,457
Grenland	13	18	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	914
Anna Maersk [2]	18	18	Dan.	A. P. Moller	Savannah, Ga.	Manila, P. I.	General	6,562
Nebraskan	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,631
Lochgoil [2]	18	20	Brit.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,223
La Paz [2]	18	19	Brit.	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile.	General	2,424
Ravnaas [2]	18	19	Nor.	Luria Brothers & Co.	Norfolk, Va.	Yawata, Japan	Scrap iron	6,330
Malayan Prince [2]	18	19	Brit.	Furness-Prince Line	Philadelphia, Pa.	Hongkong, China	General	1,194
Everleigh	19	19	Brit.	Seaboard Ship. Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Alfios	19	19	Greek.	Yamashita Ship. Co.	Boston, Mass.	Kamaishi, Japan.	Scrap iron	6,512
Dusseldorf [2]	19	19	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,907
Port Fremantle [2]	19	20	Brit.	Port Line	Philadelphia, Pa.	Adelaide, Aust'lia	General	4,118
Aldington Court [2]	19	20	Brit.	Can. Transp. Co.	Dublin, Ireland	Vancouver, B. C.	Ballast	.....
Hoperange [2]	19	20	Brit.	Chilean Nitrate Sales.	New York, N. Y.	Tocopilla, Chile.	Ballast	.....
Point Gorda	19	20	Amer.	Gulf-Pacific Line	Panama City, Fla.	Seattle, Wash.	Sulphur,lum.	3,855
Lillian Luckenbach.	20	20	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,684
Washington Express. [2]	20	20	Nor.	Fruit Express Line	Tonsberg, Nor.	Portland, Oreg.	Ballast	.....
Santa Barbara [2]	20	21	Amer.	Grace Line	New York, N. Y.	Talcahuano,Chile	General	1,947
Christy Payne [1]	20	20	Amer.	Standard Oil Co., N.J.	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Republic	20	22	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,287
Helgoy [2]	20	21	Nor.	Luria Brothers & Co.	Wilmington, N.C.	Moji, Japan	Scrap steel	9,043
Antietam [1]	20	21	Amer.	Shell Oil Co	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Minerva [2]	20	21	Nor.	C. D. Mallory & Co.	Houston, Tex.	Powell Riv., B. C.	Ballast	.....
Awobasan Maru [2]	20	21	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Kobe, Japan	Scrap steel	6,003
Nagara Maru [2]	21	21	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Scrapiron,oil	7,300
Bronxville [2]	21	21	Nor.	Fern Line	Newp't News, Va.	Kamaishi, Japan.	Scrap iron	7,618
Komaki Maru [2]	21	21	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, lead.	6,630
Santa Elena	21	22	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	([17])	3,160
Capetown Maru	21	21	Jap.	Kokusai Kisen Kaisha	Trenton, N. J.	Yawata, Japan	([18])	7,710
W. R. Keever	21	22	Amer.	Texas Gulf Sulph. Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,500
Romney	21	22	Brit.	Soviet	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	8,890
Siljestad [2]	21	22	Nor.	Fern Line	New York, N. Y.	Yawata, Japan	Scrap iron	7,110
Athelchief [1] [2]	21	22	Brit.	Sterns & Co	Beaumont, Tex.	Hudumelsei, Jap.	Crude oil	11,210
Horace Luckenbach.	21	22	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,800
Ino [2]	21	22	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	80
Losmar	22	22	Amer.	Calmar S. S. Corp.	New York, N. Y.	Seattle, Wash.	Gen., steel	7,685
Elmworth [2]	22	22	Brit.	Dalgliesh Line	Montreal,Canada	Melbourne, Aust.	Paper	5,590
Tamaroa	21	22	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	3,800
Nereus	22	22	Greek.	Amtorg Trading Co.	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold,iron ore	8,850
Buenos Aires Maru. [2]	22	23	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Gen., hides	4,141
Durazzo	22	23	Ger.	Hamburg-Amer. Line.	Pto. Colombia	Guayaquil, Ecua.	General	219
Nevadan	23	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,065
Happy Days [6]	21	23	Amer.	Ira C. Copley	S'ampton, Eng.	San Diego, Calif.	Ballast	.....
Brandanger [2]	23	23	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	([19])	3,257
Acajutla	18	23	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	421
Tacoma Star	23	24	Brit.	N. Z. Shipping Co.	London, England	Dunedin, N. Z.	General	2,108

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [8] Transport. [13] General, explosives. [14] General, scrap iron, etc. [15] For bananas and return to Cristobal. [16] General, tinplate, etc. [17] Coffee, steel, general. [18] Scrap steel, cast iron. [19] General, oil, coffee.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Paula	23	23	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	930
Sambu [2]	22	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	20
Tuira [2]	22	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	65
Real [2]	22	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	35
Nailsea Moor	23	24	Brit.	Anglo-Can. S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	Ballast	.....
Stjerneborg [2]	23	24	Dan.	Empire Shipping Co.	Albany, N. Y.	Vancouver, B. C.	Ballast	.....
Knoxville City	24	24	Amer.	Isthmian S. S. Lines	Portland, Me.	Vancouver, B. C.	Gen., steel	6,229
Bouvet No. 3 [12] [3]	24	25	Brit.	The S. Georgia Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Shika [12] [3]	24	25	Brit.	The S. Georgia Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Svana [12] [3]	24	25	Brit.	The S. Georgia Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Sumba [12] [3]	24	25	Brit.	The S. Georgia Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Sirra [12] [3]	24	25	Brit.	The S. Georgia Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Sabra [12] [3]	24	25	Brit.	The S. Georgia Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Bouvet No. 1 [12] [3]	24	25	Brit.	Sevilla Whaling Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Bouvet No. 2 [12] [3]	24	25	Brit.	Sevilla Whaling Co.	Gr'emouth, Eng.	High seas	Ballast	.....
Sourabaya [12] [3]	24	25	Brit.	Chr. Salvesen & Co.	Goth'burg, Swed.	High seas	Ballast	.....
Barbara Cates	24	24	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	7,131
Enoch [3]	24	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	.....
Franz Klasen [1] [2]	24	25	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	.....
Trois Ilets	23	25	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	99
Ajax [12]	21	...	Brit.	British Government	Bermuda, B.W.I.	B'ventura, Col.	Ballast	.....
Ensenada [2]	25	28	Mex.	Alvarado Rodriquez	Rotterdam, Neth.	Acapulco, Mexico	Cement	200
Pereira	25	25	Pan.	Elliot Ship. & Land Co.	Manaure, Col.	B'ventura, Col.	Gen., salt	1,059
Glorian [5]	...	...	Amer.	Lt. Col. D. S. Richort	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Maria Cristina [3]	25	25	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Accion Communal Colonence. [5]	...	...	Pan.	R. G. Fernandez	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Alkmaar	25	27	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,373
Birmingham City	25	26	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	General	1,013
Stirling [2]	25	26	Brit.	Anglo-Can. S. S. Co.	Boston, Mass.	Vancouver, B. C.	Ballast	.....
Bonneville [2]	25	26	Nor.	L.I.Mach.&Equip.Co.	Jacksonville, Fla.	Yokohama, Japan	([16])	7,770
Indra [2]	26	26	Nor.	Knut Knutsen	Copenhagen, Den.	Tocopilla, Chile	Ballast	.....
Point Clear	26	26	Amer.	Swayne & Hoyt	New Orleans, La.	Tacoma, Wash.	Steel, gen.	5,325
Pacific	26	26	Amer.	Argonaut Line	New York, N. Y.	Seattle, Wash.	General	3,240
Atago Maru [2]	26	26	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	([17])	7,958
Haugarland	26	26	Nor.	Anglo-Can. S. S. Co.	Newp't News, Va.	Will'shead, B. C.	Ballast	.....
Beachcomber [5]	...	...	Amer.	H. H. Keepers	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
J-6 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Susan V. Luckenbach.	26	27	Amer.	Luckenbach Line	Philadelphia, Pa.	Tacoma, Wash.	General	4,845
Genota [1] [2]	26	27	Neth.	Asiatic Pet. Co.	Curacao, D.W.I.	Los Angeles, Cal.	Ballast	.....
Point Lobos	27	27	Amer.	Swayne & Hoyt	Tampa, Fla.	Seattle, Wash.	([18])	5,342
Lebore	27	27	Amer.	Bethlehem Steel Co.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Delftdijk [2]	27	27	Neth.	N. Pacific Coast Line.	Rotterdam, Neth.	Portland, Oreg.	General	2,021
Willmoto [2]	27	27	Amer.	Williams S. S. Line	Bridgeport, Conn.	Seattle, Wash.	Coal, gen.	4,150
Iocoma [1]	27	27	Brit.	International Pet. Co.	Baton Rouge, La.	Talara, Peru	Gasoline	1,007
Santa Maria [2]	27	28	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	1,803
Wm. A. McKenney.	27	27	Amer.	McCormick S. S. Line	Norfolk, Va.	Los Angeles, Cal.	General	3,654
L-41 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
President Polk	28	28	Amer.	Dollar Line	Boston, Mass.	Singapore, St. Set.	General	4,095
Pennsylvania	28	29	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	3,709
Harpoon	27	28	Amer.	Shepard S. S. Line	Boston, Mass.	Seattle, Wash.	General	5,172
Trontolite [1] [2]	27	28	Brit.	Imperial Oil Co.	Halifax, N. S.	Talara, Peru	Gasoline	1,357
City of Lyons	27	28	Brit.	Ellerman & Bucknall.	Montreal, Canada	Dairen, China	General	5,467
Athelsultan [1] [2]	28	28	Brit.	United Molasses Co.	Falmouth, Eng.	Japan	Ballast	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Orazio [2]	28	29	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	561
San Ambrosio [1] [2]	29	29	Brit.	Eagle Oil & Ship. Co.	Tampico, Mexico	Valparaiso, Chile.	([19])	10,385
Oakmar	29	29	Amer.	Calmar Line	New York, N. Y.	Seattle, Wash.	Steel, gen.	7,833
Arizonan	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,783
Cerigo	28	29	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	B'ventura, Col.	Psgrs. only	.....
Dorothy Luckenbach.	29	29	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	Gen., autos.	2,753
Stassfurt	29	29	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	6,396
Panchito [5]	...	...	Amer.	Frank M. Coward	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Istmo	21	30	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	100
Clio [3]	28	30	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	88
Asbjorn [2]	29	30	Dan.	Anglo-Can. S. S. Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Anniston City	29	30	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	([20])	5,748
Silverteak [2]	29	30	Brit.	Silver Line, Ltd.	Boston, Mass.	Macassar, N. E. I.	Gen., bulk oil	1,992
Hellen	30	30	Nor.	Mitsui Bussan Kaisha	Norfolk, Va.	Portland, Oreg.	Ballast	.....
Tyr [2]	30	30	Nor.	Canadian Transp. Co.	New York, N. Y.	N.Westm'er, B.C.	Charcoal	200
Cali	21	30	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	233
Pacific Ranger [2]	30	30	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	1,036
Enoch [3]	30	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	([21])	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [11] Mine planter. [12] Cruiser. [13] Whaler. [15] For bananas and return to Cristobal. [16] Scrap iron, steel. [17] Potash, phosphate rock. [18] Steel, paper, general. [19] Gasoline, lubricating oil, kerosene. [20] General, steel products. [21] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Porpoise [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Benjamin Franklin. [2]	31	1	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	Nitrates	1,025
Queen Olga	30	31	Brit.	Canadian Transp. Co.	St. Lucia, B. W. I.	Vancouver, B. C.	Ballast	.....
France Maru	31	31	Jap.	Kokusai K. Kaisha	Quebec, Canada	Yawata, Japan	Scrap steel	7,805
Hokkai Maru [2]	31	31	Jap.	Osaka Shosen Kaisha	New York, N. Y.	Shanghai, China	General	7,123
Ardenvohr [2]	31	31	Brit.	Trinder, Anderson Co.	Philadelphia, Pa.	Adelaide, Aust'lia	General	3,326
Kaldfonn [1] [2]	31	31	Nor.	Sigvel Bergesen	Amsterdam, Neth	S. Francisco, Cal.	Ballast	.....
Mayan	25	31	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,294
West Cactus	31	1	Amer.	McCormick S. S. Co.	Rosario, Arg.	Seattle, Wash.	General	6,909
Marore	31	31	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Register [2]	31	1	Brit.	J. S. Webster & Son.	Pt. Arthur, Tex.	B'ventura, Col.	Gasoline	356
Cacique	30	1	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,442
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Amasis	31	2	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,863
King Bleddyn	31	1	Brit.	Eagle Oil & Ship. Co.	Tampico, Mex.	Adelaide, Aust'lia	Asphalt	7,877
Sunoil [1] [2]	1	1	Amer.	Sun Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Rotorua	1	2	Brit.	N. Z. Shipping Co.	Newport, Eng.	N. Plymouth, N. Z.	([13])	7,400
Californian [2]	1	1	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,468
Hororata	1	2	Brit.	N. Z. Shipping Co.	Falmouth, Eng.	Dunedin, N. Z.	General	2,634
El Aleto [1] [2]	1	2	Brit.	C. T. Bowring & Co.	Birkenhead, Eng.	Talara, Peru	Ballast	.....
Roanoke [1]	2	2	Amer.	The Texas Co.	Pt. Arthur, Tex.	Shanghai, China	([14])	8,962
King Edgar [2]	2	2	Brit.	Brit. Columbia Ship. Co	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Remuera	2	3	Brit.	N. Z. Shipping Co.	Newport, Eng.	Wellington, N. Z.	General	3,164
Chilean Reefer [2]	2	3	Dan.	J. Lauritzen	London, England	S. Francisco, Cal.	Ballast	.....
Margaret Johnson. [2]	2	2	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	4,288
Enoch [3]	2	...	Swed.	Johnson Line	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	.....
Santa Lucia	2	3	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	1,752
President Pierce	3	4	Amer.	Dollar Line	Boston, Mass.	S. Francisco, Cal.	General	3,826
Warkworth	2	3	Brit.	Canadian Transp. Co.	Sydney, N. S.	Vancouver, B. C.	([15])	2,004
Celtic Monarch	2	3	Brit.	Canadian Transp. Co.	Montreal, Can.	Tacoma, Wash.	([16])	7,977
Skagerak [2]	3	3	Nor.	K. Line	New Orleans, La.	Los Angeles, Cal.	Ballast	.....
Nyhang [2]	3	3	Nor.	Polarvus Ship. Co.	New York, N. Y.	N. Westm'er, B. C.	Ballast	.....
William Luckenbach.	3	3	Amer.	Luckenbach Line	Philadelphia, Pa.	Seattle, Wash.	General	6,800
Astoria [2]	3	3	Dan.	Isbrandtsen Moller Co.	Baltimore, Md.	Manila, P. I.	General	4,121
Newbury	3	3	Brit.	Andrew Weir & Co.	Houston, Tex.	Moji, Japan	Scrap iron	7,365
San Vincente	2	3	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	5,974
GreystrokeCastle [2]	3	4	Brit.	Jas. Chambers & Co.	Norfolk, Va.	Yawata, Japan	Scrap iron	7,058
Ensley City	3	4	Amer.	Isthmian Lines	Philadelphia, Pa.	Hilo, T. H.	General	3,022
Limalite [1]	30	4	Brit.	International Pet. Co.	Cristobal, C. Z.	Talara, Peru	Ballast	.....
Weirbank [2]	4	5	Brit.	Andrew Weir & Co.	Tampico, Mex.	Adelaide, Aust'lia	General	8,023
Wisconsin	4	4	Amer.	Arrow Line	Jacksonville, Fla.	Portland, Oreg.	([17])	6,952
Hofuku Maru	4	4	Jap.	Kokusai K. Kaisha	Savannah, Ga.	Yokohama, Japan	Scrap steel	7,072
Flomar	4	4	Amer.	Calmar S. S. Corp.	Philadelphia, Pa.	Seattle, Wash.	Steel, gen.	7,300
Tercero [2]	4	4	Nor.	Wessel, Duval & Co.	Canada	Talcahuano, Chile	General	3,047
Ferncastle [1] [2]	4	4	Nor.	Fearnley & Eger	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Vigdis [1] [2]	4	4	Nor.	Brunn & Vonder Lippe	Dakar, Africa	La Libertad, Ecu.	Ballast	.....
Weser [2]	4	4	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	6,627
Santa Paula	4	5	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	3,188
Trondanger [2]	4	4	Nor.	Interocean S. S. Corp.	Antwerp, Belgium	Vancouver, B. C.	General	564
Effingham	4	4	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Manila, P. I.	([18])	7,464
Zephyros	4	4	Gr.	Anglo-Can. S. S. Co.	Philadelphia Pa	Vancouver, B. C.	Ballast	.....
Malmanger [1]	4	4	Nor.	Standard Oil of N. J.	Caripita, Venez.	Iquique, Chile	([19])	9,856
Bethore	4	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Danmark [1] [2]	4	5	Dan.	Standard Oil of N. J.	London, England	Talara, Peru	Ballast	.....
Tudor Star	4	5	Brit.	Blue Star Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Arinia [1] [2]	4	5	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	.....
Borgestad [2]	5	5	Nor.	Canadian Transp. Co.	Kingston, Jam'ca	Vancouver, B. C.	Sugar	6,407
Panaman	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,261
Tasmania [2]	5	5	Dan.	Westralean Farmers	Three Riv., Can.	Adelaide, Aust'lia	Paper	5,244
Ino [2]	4	5	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	39
Forbes Hauptman	5	5	Amer.	McCormick S. S. Co.	Norfolk, Va.	Tacoma, Wash.	General	7,026
Maria Cristina [3]	5	5	Pan.	A. Tagaropulos	Colon, R. P.	Panama, R. P.	General	2
Tai Ping Yang [2]	5	6	Pan.	Barber-Wilhelmsen	New York, N. Y.	Yokohama, Japan	([20])	4,960
Cumberland	5	6	Brit.	Federal Steam Nav. Co.	London, England	Auckland, N. Z.	General	6,151
Gregalia	6	6	Brit.	Donaldson Line	Glasgow-England	Vancouver, B. C.	General	1,224
Peebles [2]	6	6	Brit.	Seaboard Ship. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Anubis [2]	6	6	Ger.	Hamburg-Amer. Line.	Gulfport, Miss.	Osaka, Japan	([21])	7,477
Dilworth [1]	6	6	Amer.	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Phemius	6	6	Brit.	Alfred Holt & Co.	Boston, Mass.	Hongkong, China	General	2,408
Wisconsin	5	6	Fr.	French Line	Le Havre, France	Vancouver, B. C.	([22])	6,155
Istmo	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	360
Real [2]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [13] Iron, steel, general. [14] Kerosene and lubricating oil. [15] Salt, steel goods. [16] Gold concentrates, general. [17] Steel, rosin, general. [18] Cotton, lead, general. [19] Fuel and diesel oil. [20] Scrap iron, general. [21] Phosphates, cotton. [22] General, steel, coke.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Skippy [5]	...	...	Pan	J. Gonzalez	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Nurnberg [2]	6	7	Ger	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	6,484
Cerigo	4	7	Ger	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	408
Brasil [2]	6	8	Swed	Johnson Line	Stockholm, Swed.	Tacoma, Wash.	([14])	3,946
Steel Mariner	7	7	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Steel, gen.	7,201
Moldanger [2]	7	10	Nor	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Glass	15
Fernmoor [2]	7	7	Nor	Mitsui & Co.	New Orleans, La.	Kamaishi, Japan.	Scrap iron	7,022
Potosi [13]	6	...	Mex	Mexican Government.	Pt. Limon, C. R.	Acapulco, Mex.	Ballast	.....
Eugenie Livanos	7	7	Greek	Charles Lowe	Cardiff, England	Antof'gasta, Chile	Coal	7,500
Salvador	1	7	Brit	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	613
Knute Nelson [2]	7	8	Nor	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	4,115
Steelore	7	8	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Unicoi [2]	7	8	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	5,342
Skagern	8	8	Swed	Transatlantic Co.	Albany, N. Y.	Vancouver, B. C.	Ballast	.....
Ferndale [2]	8	8	Nor	Fearnley & Eger	Texas City, Tex.	Yawata, Japan	Scrap steel	7,105
Canadian Highlander.	8	9	Brit	Manz Line	Montreal, Canada	Dunedin, N. Z.	Paper, autos.	4,247
Trois Ilets	3	8	Fr	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	.....
Napier Star	7	8	Brit	Blue Star Line	Liverpool, Eng.	Wellington, N. Z.	Ballast	.....
City of Norwich	8	9	Brit	Ellerman-Hall Line	Philadelphia, Pa.	Frem'tle, Aust'lia	General	4,858
Missourian [2]	8	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,285
Olney [1]	9	9	Amer.	Pennsylvania Ship. Co	Wilmington, N.C.	Los Angeles, Cal.	Ballast	.....
Hadleigh	9	9	Brit	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Elwood [1]	9	9	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Kattegat [2]	9	9	Nor	Olaf Ditlev Simonsen.	Antwerp, Belgium	S. Francisco, Cal.	Coke, sand.	7,700
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	([15])	.....
San Anselmo	9	10	Amer.	States S. S. Co.	New York, N. Y.	Portland, Oreg.	General	5,170
Walter A. Luckenbach.	9	10	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,226
Chateau Thierry [8]	9	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	297
Point Caleta	10	10	Amer.	Gulf-Pacific Line	New Orleans, La.	Seattle, Wash.	General	6,625
Lancaster	10	10	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Everett, Wash.	Steel, gen.	3,494
Baltic [1] [2]	9	10	Pan	Standard Oil Co.	Aruba, D. W. I.	La Libertad, Ecu.	Ballast	.....
Queen City	10	10	Brit	Mitsubishi & Co.	Miami, Fla.	Yawata, Japan	([16])	7,609
Wairangi [2]	10	10	Brit	Shaw, Savill & Albion.	London, England	Bluff, N. Z.	General	9,107
President Adams	11	11	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,612
California	11	11	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	4,896
Santa Maria [1]	9	11	Amer.	Union Oil Co.	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Justitia	10	11	Brit	Andrew Weir & Co.	Liverpool-N. S.	Dunedin, N. Z.	Newsprint	6,018
Monkleigh	10	11	Brit	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Kansan	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,836
Asia [2]	11	11	Dan	East Asiatic Co.	Pto. Colombia	S. Francisco, Cal.	Ballast	.....
Wind Rush	11	11	Amer.	Shepard S. S. Co.	N.Bedford, Conn.	Portland, Oreg.	General	4,100
Santa Inez [2]	11	11	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,745
Rossington Court.	11	11	Brit	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Enoch [3]	11	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [17]	.....	.....
Tenyo Maru [2]	11	12	Jap	Mitsui Bussan Kaisha	Pt. Tampa, Fla.	Yokohama, Japan	([18])	7,520
Foylebank [2]	12	12	Brit	Bank Line	Baltimore, Md.	Shanghai, China.	General	4,524
Willboro	11	12	Amer.	Williams S. S. Co.	Baltimore, Md.	Seattle, Wash.	General	7,083
Nailsea Court	12	...	Brit	Kawasaki K. Kaisha	Sunderland, Eng.	Los Angeles, Cal.	Ballast	.....
Georgian	12	12	Amer.	Williams S. S. Co.	New York, N. Y.	Seattle, Wash.	Coal, gen.	4,700
Eridan [2]	12	12	Fr	Messageries Marit'es.	Marseilles, France	Noumea, N.Caled	General	1,390
Kingfisher [5]	...	...	Amer.	H. P. Parker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Yakumo [1] [2]	10	13	Jap	Japanese Government	New York, N. Y.	Manzanillo, Mex.	Ballast	.....
Iwate [12]	10	13	Jap	Japanese Government	New York, N. Y.	Manzanillo, Mex.	Ballast	.....
Chimu [2]	12	13	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,216
Clio [2]	11	13	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	38
Reina del Pacifico [2]	12	13	Brit	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	1,744
Montrolite [1] [2]	12	13	Brit	Imperial Oil Co.	St. John, N. B.	Talara, Peru	Ballast	.....
Point Salinas	13	13	Amer.	Gulf-Pacific Line	Tampa, Fla	S. Francisco, Cal.	General	6,531
Massmar	13	13	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	8,408
Svealand [2]	13	13	Swed	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	.....
City of Wellington	13	13	Brit	Manza Line	Montreal, Canada	Adelaide, Aust'lia	General	5,602
Pacific Trader [2]	13	13	Brit	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,075
Florence Luckenbach.	13	13	Amer.	Luckenbach Line	Mobile, Ala.	S. Francisco, Cal.	General	7,063
Silveroak [2]	13	14	Amer.	Kerr S. S. Co.	Hopewell, Va.	Seattle, Wash.	General	4,695
Manizales	13	13	Ger	North German Lloyd.	Pto. Colombia	Guayaquil, Ecua.	([19])	466
Europa [2]	13	14	Dan	East Asiatic Co.	Hull, England	Vancouver, B. C.	General	204
West Nilus	13	13	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Seattle, Wash.	([20])	5,707
Steel Seafarer	13	13	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Shanghai, China.	General	7,339
Pereira	13	13	Pan	Elliot Ship. & Land Co.	Cartagena, Col.	B'ventura, Col.	General	255
El Ciervo [1]	13	14	Brit	C. T. Bowring & Co.	Falmouth, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Shinko Maru [2]	13	14	Jap	Kawasaki K. Kaisha.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Appledore	14	14	Brit	Seaboard Ship. Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Oregon	14	14	Amer.	McCormick S. S. Co.	Baltimore, Md.	Seattle, Wash.	Gen., pipe	4,776
Dessau	12	14	Ger	North German Lloyd.	Rotterdam, Neth.	Auckland, N. Z.	Gen., sulphur	7,982

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [12] Cruiser. [13] Gunboat. [14] Paper, machinery, general. [15] Towing barge. [16] Scrap iron, steel. [17] For bananas and return to Cristobal, C. Z. [18] Cotton, phosphates. [19] General, gasoline. [20] General, coffee, corn.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Vancouver	13	14	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	6,166
Helgoland	14	14	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	4,693
Istmo	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	([13])	225
Rialto [2]	14	15	Ital.	Nav. Libera-Triestina	Trieste, Italy	Vancouver, B. C.	General	1,415
Grenland	7	15	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	942
Baarn	14	16	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,285
Norman Star	14	15	Brit.	Blue Star Line	London, England	Seattle, Wash.	Ballast	
Leeds City	15	15	Brit.	Mitsubishi Line	New York, N. Y.	Yawata, Japan	Scrap metal	7,834
Dakotan	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,733
Sveadrott [2]	15	15	Swed.	StockholmRederi,Svea	Oslo, Norway	Valparaiso, Chile.	([14])	1,818
Katsuragi Maru [2]	15	15	Japan	Kokusai Line	New York, N. Y.	Osaka, Japan	Cotton, lead.	7,672

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Virgilio [2]	15	17	Ital.	Soc. Ital. Flotte Rin'ite	Valparaiso, Chile.	Genoa, Italy	General	2,718
Rhakotis	15	16	Ger.	Hamburg-Amer. Line.	Talcahuano,Chile	Hamburg, Ger.	General	7,720
City of Elwood [2]	15	16	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	4,796
Este	15	16	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	6,690
Trois Ilets	15	17	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	303
Bonita	15		Nor.	C. H. Sorensen	Los Angeles, Cal.	Campeche, Mex.	Rails	5,007
Eidsvold [2]	16	17	Nor.	Kawasaki K. Kaisha	Keelung, Japan.	New York, N. Y.	General	4,068
Kent	16	16	Brit.	FederalSteamNav.Co.	Timaru, N. Z.	Glasgow, Scot.	Frozen, gen.	4,925
San Antonio	16	17	Fr.	French Line	Portland, Oreg.	Le Havre, France	General	6,894
Canadian Britisher.	16	17	Brit.	Can. Nat. Steamships	Halifax, N. S.	Montreal,Canada	General	1,312
Hagan [1]	16	16	Amer.	PennsylvaniaShip.Co.	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	9,049
Columbian	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,871
Quarrington Court.	16	17	Brit.	Anglo-Can. S. S. Co.	Chemainus, B. C.	London, England	Grain, lum.	9,800
California	17	17	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,302
Baldhill [1]	17	17	Amer.	Shell Terminal Corp.	Los Angeles, Cal.	Ponce, P. R.	Gasoline	8,981
Darlington Court.	17	17	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Grain, lum.	8,700
Sidney M. Hauptman.	17	17	Amer.	McCormick S. S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,904
Nojima Maru	17	18	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	3,983
L. A. Christenson [2]	17	17	Nor.	Chile. Nit. Sales Corp.	Ant'fagasta,Chile	Azores [15]	Nitrates	7,370
Portmar	17	17	Amer.	Calmar S. S. Corp.	Portland, Oreg.	Baltimore, Md.	Lumber	7,650
Santa Paula	17	18	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,714
Acajutla	18	23	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	508
Telena [1] [2]	18	18	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	Kerosene	9,989
Brimanger [2]	18	19	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Le Havre, France	Wheat, gen.	7,045
Leticia [2]	18	19	Pan.	A. Tagaropulos	Aguadulce, R. P.	Colon, R. P.	Cows	12
Makiki	18	19	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Houston, Tex.	General	7,235
Jutland	18	19	Brit.	Glen & Co.	Vancouver, B. C.	Hull, England	Grain, lum.	9,100
Nansenville [2]	19	19	Nor.	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	7,598
Santa Lucia	18	20	Amer.	Grace Line	S. Antonio, Chile.	New York, N. Y.	([16])	4,361
Point Brava	19	20	Amer.	Gulf-Pacific Line	Portland, Oreg.	CorpusCh'ti,Tex.	General	7,334
Kinai Maru [2]	19	21	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	5,372
Victoria City	19	20	Brit.	Reardon-Smith Line.	Manila, P. I.	New Orleans, La.	Sugar	8,120
Andrea F. Luckenbach.	20	20	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	11,941
Elizabeth Kellogg. [1]	20	20	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,685
Benledi	20	20	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	General	8,597
Slemmestad [2]	20	21	Nor.	Fern Line	Bangkok-Saigon	Cienfuegos, Cuba	Rice	7,364
Wiegand	20	21	Ger.	North German Lloyd.	Sydney, Aust'lia.	Baltimore, Md.	Iron ore, gen.	7,200
Virginian	20	21	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,930
Helen Whittier	21	21	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar	7,000
Hanley	21	21	Amer.	Weyerhauser S. S. Co.	Longview, Wash.	Baltimore, Md.	General	10,243
Cali	21	30	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,213
Ino	21	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	261
Teal [4]	21		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Canadian Cruiser.	21	22	Brit.	Can. Nat. Steamships	Brisbane, Aust'lia	Montreal,Canada	General	5,051
Istmo	20	30	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	636
Comet [1]	21	21	Amer.	Socony-Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	12,941
Steelore	22	22	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Santa Isabel	22	22	Amer.	Grace Line	Talcahuano,Chile	New York, N. Y.	General	1,817
Sunetta [1] [2]	21	22	Neth.	N. V. La Corona	Los Angeles, Cal.	Land's End [15]	Gasoline	11,232
Canada [2]	22	22	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den	General	9,136
Point Ancha	21	22	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	General	4,368
Sambu [2]	21	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Real [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	21
Tuira [2]	21	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	51
Parracombe	22	22	Brit.	Colonial Sugar Ref. Co.	Cairns, Aust'lia.	Montreal,Canada	Sugar	7,808
Marie Maersk [1] [2]	22	22	Dan.	A. P. Moller	Cabo Bl'co, Peru.	Donges, France.	Crude oil	13,569
Chattanooga City	22	22	Amer.	Isthmian S. S. Lines.	Kahalui, T. H.	Boston, Mass.	Sugar, pines.	8,344
Pacific Skipper [2]	22	22	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	7,996
Patria [17]	22	23	Cuba.	Cuban Government	Guayaquil, Ecua.	Habana, Cuba		

[1] Tanker. [2] Motor ship. [4] Tug. [13] General, gasoline. [14] Wood pulp and general. [15] For orders. [16] Beans, fruit, general. [17] Gunboat.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Barneveld	22	23	Neth.	Royal Neth. S. S. Co.	Valparaiso, Chile.	Hamburg, Ger.	General	8,212
Asosan Maru [2]	22	23	Jap.	Mitsui & Co.	Penang, St. Sett.	Boston, Mass.	([12])	6,390
Tremorvah	23	23	Brit.	Anglo-Can. S. S. Co.	Chemainus, B. C.	S'hampton, Eng.	Lum., wheat.	7,630
Trevarrack	23	23	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	General	7,127
F. J. Luckenbach.	23	23	Amer.	Luckenbach Line	Everett, Wash.	Boston, Mass.	General	8,218
Trois Ilets	23	25	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	173
W. M. Delphia [2]	23	24	Hond.	W. S. McNab	Amapala, Hond.	Pto. Cas'la, Hond.	Salt	80
Eleanor Christenson.	23	23	Amer.	Sudden & Christenson	Seattle, Wash.	Baltimore, Md.	Lumber	7,027
Wichita [2]	23	23	Amer.	Roosevelt S. S. Co.	Adelaide, Aust'lia	Baltimore, Md.	General	7,492
Prince David	23	25	Brit.	National Tours, Inc.	Honolulu, T. H.	New York, N. Y.	Passengers	.....
Osnabruck [2]	23	25	Ger.	North German Lloyd.	Talcahuano, Chile	Bremen, Ger.	General	6,056
Pacific Commerce. [2]	23	24	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	General	7,264
San Clemente	24	24	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,661
Petter [1] [2]	24	24	Nor.	Co. Raffineries De Berre	Talara, Peru	De Berre, France	Crude oil	14,583
El Oso [1] [2]	21	24	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesm're Pt., Eng.	Crude oil	10,212
Evita [1] [2]	24	24	Nor.	J. M. Ugland	S. Francisco, Cal.	Hamburg, Ger.	Gasoline	8,890
Loriga [2]	24	24	Brit.	Pacific Steam Nav. Co	Talcahuano, Chile	Hull, England	General	8,296
Chimu [2]	24	24	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,093
Willzipo	24	24	Amer.	Williams S. S. Corp.	S. Francisco, Cal.	Bridgeport, Conn.	General	10,929
Silverbelle [2]	24	24	Brit.	S. & J. Thompson	S. Francisco, Cal.	Calcutta, India	General	6,369
Corrientes	24	24	Brit.	Donaldson Bros.	Victoria, B. C.	Glasgow, Scot.	Fruit, gen.	5,535
California	24	25	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	8,289
Dryden	24	25	Amer.	Lykes Bros.-Ripley	Cebu, P. I.	New Orleans, La.	General	6,429
Mayan	25	31	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	280
Ohioan	24	25	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,900
Geddington Court.	25	25	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Grain, lum.	9,208
Charles R. McCormick.	25	25	Amer.	McCormick S. S. Co.	Pt. Gamble, Wash.	Philadelphia, Pa.	Gen., lumber	3,175
Santa Inez [2]	25	25	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,580
Pennmar	25	25	Amer.	Calmar Line	Portland, Oreg.	Baltimore, Md.	Lum., copper	6,000
Mercury Sun [1] [2]	25	25	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	13,829
Tilsington Court.	25	25	Brit.	Canadian Transp. Co.	Victoria, B. C.	Garston, England	Lum., wheat.	9,473
Katrina Luckenbach.	25	25	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	Sugar, gen.	8,963
Penelope [1] [2]	25	26	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	12,211
Arinia [1] [2]	25	26	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	([14])	11,686
Kurama Maru [2]	26	26	Jap.	Kokusai K. Kaisha	Manila, P. I.	New York, N. Y.	General	6,380
Shinko Maru [2]	26	26	Jap.	Kawasaki K. Kaisha.	Shanghai, China	New York, N. Y.	General	3,209
Brand [2]	26	26	Nor.	West India Trad. Co.	Englewood, B. C.	Philadelphia, Pa.	Lumber	7,700
Tai Ping [2]	25	26	Nor.	Barber-Wilhelmsen	Davao, P. I.	Philadelphia, Pa.	General	6,601
Ville D'Amiens	26	28	Fr.	Messageries Marit'es.	Noumea, N. Caled	Marseilles, France	General	5,295
Seattle [2]	26	27	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	5,781
Svealand [2]	26	27	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,400
Calgarolite [1] [2]	27	27	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Crude oil	16,695
R. J. Hanna [1]	26	27	Amer.	Standard Oil of Calif.	S. Francisco. Cal.	Providence, R. I.	Asphalt	9,018
John Bakke [2]	26	27	Nor.	Knutsen Line	Vancouver, B. C.	Belfast, Ireland.	Gen., fruit.	7,357
Tatsuno Maru	26	27	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	New Orleans, La.	General	8,417
Horda	27	27	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nitrates	7,000
Oregonian	27	27	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,538
Yankee Arrow [1]	27	29	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	11,240
Sysla [1] [2]	27	28	Nor.	Carl F. Peters	Los Angeles, Cal.	Hamburg, Ger.	Gasoline	8,971
Henry D. Whiton	28	28	Amer.	A. C. Dutton Lum. Co	Tacoma, Wash.	Po'keepsie, N. Y.	Lumber	5,467
Clio [2]	28	30	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	519
Cerigo	28	29	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	942
Herman F. Whiton	28	28	Amer.	A. C. Dutton Lum. Co	Tacoma, Wash.	Po'keepsie, N. Y.	Lumber	7,400
Lewis Luckenbach	28	29	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	12,030
Tisnaren [2]	29	29	Swed.	Burns, Philip & Co.	Apia, Samoa Is.	Newcastle, Eng.	Lead, copra.	8,935
Gen. W. M. Graham. [11]	29	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Winslow [16]	29	31	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Amerikaland [2]	29	30	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,100
Rokos	29	30	Greek.	Mutual Co.	New Caledonia	Baltimore, Md.	Chrome ore.	9,500
Point Arena	30	30	Amer.	Swayne & Hoyt	Portland, Oreg.	Galveston, Tex.	Wheat	4,344
Aras [2] [6]	30	31	Amer.	H. J. Chisholm	S. Francisco, Cal.	New York, N. Y.	Ballast	.....
Limalite	29	4	Peru.	International Pet. Co.	Talara, Peru	Cristobal, C. Z.	Ballast	.....
Stella	30	31	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	Pt. Williams, N.C.	Nit'es, gen.	2,286
Fernlane [2]	31	31	Nor.	Fearnley & Eger	Dairen, China	Scandinavia	Soya beans.	7,225
San Felipe	31	31	Amer.	States S. S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	7,844
Santa Rosa	31	9-1	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,149
Iowan	31	31	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,390
Nestos	31	31	Greek.	Gildemeister Co.	Pto. Chic'ma, Peru	Liverpool, Eng.	Sugar	7,829
Calmar	31	1	Amer.	Calmar S. S. Corp.	Portland, Oreg.	Baltimore, Md.	Copper, lum.	6,094
Cucuta [17]	8-7	1	Col.	Colombian Govern't.	B'ventura, Col.	Cartagena, Col.	.....	.....
Antiope	9-1	1	Brit.	Andrew Weir & Co.	Lantoka, Fiji Is.	United Kingdom.	Sugar	7,738
Phrygia [2]	1	4	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	Coffee, gen.	678
Salvador	1	7	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	196
Pereira	1	2	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	666
Steel Trader	1	1	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Baltimore, Md.	General	8,477

[1] Tanker. [2] Motor ship. [6] Yacht. [11] Mine planter. [12] Rubber, silk, general. [14] Petroleum, gasoline. [15] For orders. [16] Towing barge. [17] Training ship.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Grant [8]	31	2	Amer..	U. S. Army	S. Francisco, Cal.	New York, N. Y.	Army stores.	247
American Eagle	1	2	Amer..	Bulk Carriers Corp.	Portland, Oreg.	Galveston, Tex.	Wheat	6,180
J. L. Luckenbach	1	1	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	9,387
President Lincoln	1	2	Amer..	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,620
Caithness [2]	1	1	Brit...	Anglo-Canadian Co.	Chemainus, B. C.	London, England	([13])	8,836
Buenos Aires [2]	1	2	Swed..	Johnson Line	Honolulu, T. H.	Stockholm, Swed.	Grain, gen.	7,931
Winnipeg	2	2	Fr....	French Line	Vancouver, B. C.	Le Havre, France	Wheat, gen.	7,669
Pacific Exporter [2]	1	2	Brit...	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	7,580
Cydonia	1	2	Brit...	Andrew Weir & Co.	Salaverry, Peru	United Kingdom	Sugar	6,070
Antofagasta	2	2	Chile..	Chilean-N. Amer. Line	Talcahuano, Chile	New York, N. Y.	General	4,907
Santa Clara	1	2	Amer..	Grace Line	S. Antonio, Chile.	New York, N. Y.	General	3,325
Heranger [2]	2	2	Nor...	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	7,053
Miralda [1] [2]	2	2	Neth..	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	LandsEnd, Eng. [14]	([15])	11,312
Maria Cristinia [2]	2	5	Pan...	Antonio Tagaropulos.	Darien, R. P.	Cristobal, C. Z.	([16])	5
Franz Klasen [1] [2]	2	3	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	Rotterdam, Neth.	Gas., gas oil.	17,284
Akaroa	2	3	Brit...	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	5,698
Chilore	3	3	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Drechtdijk [2]	30	4	Neth..	N. Pac. Coast Line	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	10,354
Point Vincente	3	3	Amer..	Swayne & Hoyt	S. Francisco, Cal.	Mobile, Ala.	Lumber, gen.	7,600
Point Estero	3	3	Amer..	Swayne & Hoyt	Portland, Oreg.	New Orleans, La.	Gen., lumber	6,650
Hollywood	1	3	Amer..	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	4,949
Pennsylvanian	3	3	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,646
Kano Maru [2]	3	4	Jap...	Kokusai K. Kaisha	Manila, P. I.	Baltimore, Md.	General	5,694
Trois Ilets	3	8	Fr....	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	185
Circe Shell [1] [2]	3	4	Brit...	Asiatic Petroleum Co.	S. Francisco, Cal.	Curacao, D. W. I.	([17])	11,810
Southern Sun [1] [2]	3	4	Amer..	Sun Oil Co.	El Segundo, Calif.	Chester, Pa.	Gasoline	13,795
Ionic Star	4	5	Brit...	Blue Star Line	N. West'er, B. C.	Newcastle, Eng.	Frozen, gen.	5,580
Alabama	4	5	Fr....	French Line	Talcahuano, Chile	Le Havre, France	General	8,300
Kwansai Maru [2]	4	5	Jap...	Osaka Shosen Kaisha.	Shanghai, China.	New York, N. Y.	Silk, gen.	3,737
Ino [2]	4	5	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	379
Cerigo	4	7	Ger...	Hamburg-Amer. Line.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	722
Chloe	4	5	Greek.	Anglo-Can. Ship. Co.	Victoria, B. C.	Garston, Eng.	Wheat, lum.	8,007
Corinthic	4	4	Brit...	Anglo-Can. Ship. Co.	Vancouver, B. C.	Manchester, Eng.	Lumber, gen.	7,846
Real [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Tuira [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Sona [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Peter Maersk [2]	4	5	Dan...	Maersk Line	Hongkong, China	New York, N. Y.	General	2,972
Istmo	5	6	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	264
Canada [2]	5	6	Swed..	Johnson Line	S. Francisco, Cal.	Goth'burg, Swed.	General	7,702
Laurits Swenson [2]	5	6	Nor...	Fred Olsen & Co.	N. West'er, B. C.	Oslo, Norway	Grain, gen.	8,252
Torvanger	6	6	Nor...	Nitrate Corp. of Chile	Tocopilla, Chile	Azores [14]	Nit. of soda.	9,975
Gracia	6	6	Brit...	Donaldson Brothers	Vancouver, B. C.	Glasgow, Scot.	General	6,911
Peter Kerr	6	6	Amer..	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,700
Julia Luckenbach	6	6	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	9,355
Magmeric	6	6	Amer..	Amer.-For. S. S. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	6,555
Cumbal [2]	7	7	Amer..	Grace Line	Pisco, Peru	New York, N. Y.	General	2,963
Breda	6	7	Neth..	Royal Neth. S. S. Co.	Lebu, Chile	Hamburg, Ger.	General	8,880
Felix Taussig	6	7	Amer..	McCormick S. S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	8,509
Northmoor [2]	7	7	Brit...	C. D. Mallory & Co.	Powell Riv., B. C.	Houston, Tex.	Paper, shin'le	5,530
Grenland	7	15	Nor...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	253
Manizales	7	8	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	725
Orduna	7	8	Brit...	Pacific Steam Nav. Co	S. Antonio, Chile.	Liverpool, Eng.	General	7,698
Tresillian	7	7	Brit..	Colonial Sugar Ref. Co.	Cairns, Australia.	St. John's, N. B.	Sugar	7,533
Alaskan	7	7	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Gen., lumber	8,427
Steel Voyager	7	7	Amer..	Isthmian S. S. Lines.	Portland, Oreg.	Swansea, Wales.	([18])	8,027
Register [2]	7	8	Brit...	J. S. Webster & Sons.	B'ventura, Col.	Pt. Arthur, Tex.	Ballast	.....
Virginia	7	8	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	8,804
Brynje [2]	7	8	Nor...	Canadian Transp. Co.	Vancouver, B. C.	Boston, Mass.	Lumber, gen.	6,070
Phoebus [1] [2]	7	8	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	Trieste, Italy	Crude oil	12,298
Lena Luckenbach	8	8	Amer..	Luckenbach-Gulf Co.	Portland, Oreg.	Houston, Tex.	General	7,481
Santa Rita [2]	8	8	Amer..	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,545
Heffron	8	8	Amer..	Pac. Coast Dir. Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	9,841
Minowo Maru [2]	6	8	Jap...	Kyodo Gyogyo Kaisha	Tobato, Japan	Vera Cruz, Mex.	Ballast	.....
Geisha [2]	7	8	Nor...	Knut Knutsen	Valparaiso, Chile.	Oslo, Norway	General	7,096
Elbe [2]	8	9	Ger...	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	6,745
Santa Maria [1]	9	11	Amer..	Union Oil Co.	Los Angeles, Cal.	Cristobal, C. Z.	Diesel oil	11,580
Fordsdale	9	9	Brit...	Shaw, Savill & Albion	Bluff, N. Z.	London, England	Gen., frozen.	4,005
Sokol	9	10	Y-Slav	Andrew Weir & Co.	Suva, Fiji Islands	Lands End [14]	Sugar	6,250
El Aleto [1] [2]	9	9	Brit...	C. T. Bowring & Co.	Talara, Peru	Ellesm'rePt., Eng.	Crude oil	10,398
Dalhanna	9	10	Brit...	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber, gen.	8,188
Scottsburg [8]	7	12	Amer..	U. S. Army	Honolulu, T. H.	Brooklyn, N. Y.	Army stores.	1,331
Charles Christenson.	9	10	Amer..	Sudden & Christenson	Aberdeen, Wash.	Jacksonville, Fla.	Lumber	7,200
Munchen [2]	10	11	Ger...	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger.	General	6,880
Eir	10	10	Nor...	Continental Grain Co.	Stockton, Calif.	Avonmouth, Eng.	Barley	7,100
Mauna Loa	10	10	Amer..	Matson Nav. Co.	Honolulu, T. H.	Hatteras [14]	Sugar	7,182
Alamar	10	10	Amer..	Calmar S. S. Corp.	S. Francisco, Cal.	Philadelphia, Pa.	([19])	7,942
F.H.Bedford, Jr. [1] [2]	11	11	Pan...	Brit.-Mex. Pet. Corp.	Talara, Peru	S'ampton, Eng.	([20])	16,442
Nictheroy	11	11	Brit...	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Fruit, gen.	8,117

[1] Tanker. [2] Motor ship. [8] Transport. [13] Concentrates, lumber. [14] For orders. [15] Benzine, kerosene. [16] Lumber, plantains. [17] Kerosene, distillate. [18] Canned fruit, general. [19] Lumber and structural steel. [20] Crude and diesel oil.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Lippe	11	11	Ger...	Corp. Ventas de Sal...	Taltal, Chile....	Alexandria,Egypt	Nitrates....	10,312
Harry Luckenbach.	11	11	Amer..	Luckenbach Co.....	Portland, Oreg...	Boston, Mass....	Lumber, gen.	9,262
Clio [2]	11	13	Neth..	Royal Neth. S. S. Co..	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	409
Willkeno	12	12	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Bridgeport,Conn.	Lumber, gen.	10,653
Maria Cristina [2]	12	16	Pan...	Antonio Tagaropulos.	Darien, R. P....	Cristobal, C. Z..	(13)	5
Reaveley	12	12	Brit...	Anglo-Can. S. S. Co..	N. West'er, B. C.	London, England	Grain, lum..	6,700
Caldas [9]	12	14	Col....	Colombian Governm't	B'ventura, Col...	Cartagena, Col..	.....	.....
Durazzo	12	...	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	1,087
Danmark [1] [2]	12	12	Dan...	Standard Oil of N. J...	Talara, Peru....	Aruba, D. W. I..	(14)	14,764
Noto Maru [2]	12	13	Jap...	Nippon Yusen Kaisha	Keelung, Japan..	Baltimore, Md...	General.....	5,516
Orville Harden [1] [2]	12	13	Pan...	W. Tankschiff Rhed'i.	Talara, Peru....	Le Havre, France	Crude oil...	17,215
Fella [2]	12	14	Ital...	Nav. Lib.-Triestina...	Vancouver, B. C.	Trieste, Italy....	Lumber, gen.	6,680
Lillehorn [2]	12	17	Brit...	Canada Coast Line...	Vancouver, B. C.	Toronto, Canada.	Lumber.....	678
Reginolite [1] [2]	12	13	Brit...	Imperial Oil Co.....	Lobitos, Peru....	Montreal,Canada	Crude oil...	12,350
Mexican	13	13	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	Lumber, gen.	11,965
Istmo	12	14	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	240
Kingfisher [2]	13	...	Amer..	H. P. Parker.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Montreal Maru...	13	14	Jap...	Kawasaki K. Kaisha..	Shanghai, China.	New York, N. Y.	Silk, gen....	3,519
Benavon	14	14	Brit...	Anglo-Can. Ship. Co.	Vancouver, B. C.	Gr'mouth, Scot..	General.....	8,713
Hoperange [2]	14	14	Brit...	Chile. Nit. Sales Corp.	Tocopilla, Chile..	Azores [15].....	Nitrates....	8,840
Manley, No. 74 [9]	12	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Fairfax, No. 93 [9]	12	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Chipana	14	14	Amer..	Chile. Nit. Sales Corp.	Iquique, Chile...	Jacksonville, Fla.	Nitrates....	4,800
Chateau Thierry [8]	10	15	Amer..	U. S. Army.....	Balboa, C. Z....	New York, N. Y.	Army stores.	46
San Simeon	14	14	Amer..	Calif.-Eastern Line...	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	8,212
Santa Elena	14	15	Amer..	Grace Line.....	S. Francisco, Cal.	New York, N. Y.	General.....	4,086
Hartbridge	14	15	Brit...	Andrew Weir & Co...	Cairns, Australia.	Montreal,Canada	Sugar.....	7,583
Antietam [1]	14	15	Amer..	Shell Oil Co.....	Los Angeles, Cal.	Fall River, Mass.	Gasoline....	9,208
Washington Express. [2]	15	15	Nor...	Fruit Express Line...	Los Angeles, Cal.	Le Havre, France	Fresh fruit..	1,708
Northumberland..	15	15	Brit...	N. Z. Shipping Co...	Auckland, N. Z..	London, England	Frozen, gen.	6,510
Rangitata [2]	14	15	Brit...	N. Z. Shipping Co...	Wellington, N. Z.	London, England	Frozen, gen.	5,855
Acajutla	15	...	Brit...	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z..	Coffee, gen..	417
Simonside	15	15	Brit...	Andrew Weir & Co...	Ellington, Fiji Is.	Lands End [13]....	Sugar.....	6,913

[1] Tanker. [2] Motor ship. [8] Transport. [9] Destroyer. [13] Lumber, plantains. [14] Gasoline, kerosene. [15] For orders

Comparison of Traffic at the Suez and Panama Canals for the First Seven Months of the Calendar Years 1935 and 1936

The following is a comparison of traffic at the Suez and Panama Canals for the first seven months of the calendar years 1935 and 1936:

Month	Suez Canal Number of transits 1934–5	Suez Canal Number of transits 1935–6	Suez Canal Percent increase	Panama Canal Number of transits 1934–5	Panama Canal Number of transits 1935–6	Panama Canal Percent increase
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
April	506	490	[19] 3.2	432	482	11.6
May	481	484	0.6	424	488	15.1
June	458	426	[19] 7.0	405	481	18.7
July	487	466	[19] 4.3	377	456	21.0
Total	3,313	3,418	3.2	2,948	3,357	13.9

Month	Suez Canal Tolls collected 1934–5	Suez Canal Tolls collected 1935–6	Suez Canal Percent increase	Panama Canal Tolls collected 1934–5	Panama Canal Tolls collected 1935–6	Panama Canal Percent increase
	Thousands of francs			*Thousands of dollars*		
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
March	74,990	78,960	5.3	2,018	2,294	13.7
April	79,210	70,110	[19] 11.5	1,891	2,080	10.0
May	72,140	71,010	[19] 1.6	1,996	2,081	4.3
June	68,600	63,450	[19] 7.5	1,798	2,073	15.3
July	71,730	68,170	[19] 5.0	1,684	1,999	18.7
Total	505,880	498,850	[19] 1.4	13,125	14,499	10.5

[19] Decrease.

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Traffic Through the Panama Canal in September 1936

The total vessels of all kinds transiting the Panama Canal during the month of September 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	September 1934	September 1935	September 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	435	391	234	232	466
Local commercial vessels [1]	40	53	18	15	33
Noncommercial vessels:					
United States Government	31	24	9	8	17
Colombian Government	2	1	.....	2	2
For repairs	.....	.....	1	.....	1
Total	508	469	262	257	519

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation of the ocean-going traffic transiting the Canal shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected, each month for the 12 months ended September 30, 1936, as compared with the same period last year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
October	467	441	2,516,087	2,357,640	2,172,752	2,228,536	$2,098,299.03	$1,964,076.81
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	2,137,916.55	1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
Total	5,113	5,614	27,284,656	28,981,720	24,836,278	28,087,364	22,851,510.65	24,353,484.98

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for September 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	110	608,701	577,066	Netherlands	19	75,240	85,020
Chilean	2	8,126	10,129	Norwegian	52	260,723	282,591
Danish	16	80,533	55,761	Panamanian	16	57,373	73,582
French	9	49,829	48,548	Swedish	11	53,021	36,994
German	28	113,283	136,784	United States	170	955,624	1,054,308
Greek	4	17,925	22,507	Yugoslav	2	9,282	14,220
Italian	4	25,451	19,564				
Japanese [4]	22	113,206	109,292	Total	466	2,428,317	2,526,366
Mexican [5]	1	.....	.....				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Includes 2 naval vessels of 20,988 tons displacement.
[5] Naval vessel of 1,191 tons displacement.

Traffic by Trade Routes, September 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	56	323,954	253,690	56	324,031	441,150
East coast United States and:						
Canada	4	15,990	.....	4	17,231	25,655
South America	14	62,240	16,836	16	72,195	147,980
Hawaiian Islands	2	10,110	5,222	8	40,567	66,750
Australasia	4	24,808	18,095	1	5,243	8,100
Philippine Islands	11	69,611	54,887	6	42,076	32,017
Far East	25	131,053	186,745	9	55,036	41,971
Canadian intercoastal	3	13,718	18,373	3	10,648	15,378
East coast Canada and:						
South America	3	21,180	.....	4	21,777	45,736
Australasia	5	26,566	25,477	4	18,643	30,340
East coast Central America and:						
Australasia	1	4,634	7,877	.....	.....	.....
Far East	.....	.....	.....	1	336	.....
South American intercoastal	2	5,797	10,322	.....	.....	.....
East coast South America and:						
United States	2	9,749	5,707	1	5,038	4,949
Canada	1	5,020	3,820	.....	.....	.....
Far East	1	5,798	4,423	.....	.....	.....
Cristobal and:						
United States	1	5,761	.....	1	5,761	11,580
Central America	4	4,088	2,913	5	4,823	1,343
South America	11	7,066	2,410	14	9,256	8,630
West Indies and:						
United States	1	5,996	.....	2	11,746	23,583
Canada	1	3,235	6,407	.....	.....	.....
South America	1	7,888	.....	1	7,789	14,764
Balboa	1	4,844	9,710	.....	.....	.....
Far East	1	3,004	5,075	.....	.....	.....
Europe and:						
United States	9	49,148	7,700	11	56,279	96,085
Canada	33	194,155	65,582	40	221,783	312,753
Central America	1	3,704	4,693	2	4,951	3,209
South America	18	105,543	55,962	30	171,629	278,206
Australasia	10	82,291	58,203	8	63,808	48,299
Far East	.....	.....	.....	2	9,432	14,198
Egypt and South America	.....	.....	.....	1	5,995	10,312
Palestine and United States	1	2,039	.....	1	1,946	1,602
Around the world	1	9,178	4,612	1	7,006	7,035
Africa and South America	1	4,355	.....	.....	.....	.....
Foreign vessels in ballast (United States intercoastal)	2	10,769	.....	.....	.....	.....
Vessels not engaged in commerce [6]	3	.....	.....	.....	.....	.....
Total	234	1,233,292	834,741	232	1,195,025	1,691,625

[6] Naval vessels.

Origin and Destination of Cargo by Major Areas, September 1936

The following table summarizes the origin of cargo passing through the Canal in September 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	272,244	9,511	230,936	11,959	31,512	556,162
Other North America	10,038	28,046	5,075	10,567	31,019	84,745
Europe	55,036	15,589	.....	50,913	46,708	168,246
Miscellaneous	10,307	2,534	2,214	10,120	413	25,588
Total	347,625	55,680	238,225	83,559	109,652	834,741

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	450,009	47,694	212,933	7,400	718,036
Canada	16,175	10,599	194,109	2,575	223,458
Other North America	67,439	1,951	4,263	.....	73,653
South America	144,487	72,868	277,950	10,323	505,628
Australasia	13,444	24,996	48,299	.....	86,739
Asia	66,462	3,374	14,198	77	84,111
Total	758,016	161,482	751,752	20,375	1,691,625

Principal Commodities

Commodities which aggregated 10,000 or more tons either during September 1936, or in September 1935, are listed below.

Commodity	September		Commodity	September	
	1935	1936		1935	1936
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	23,043	21,101	Barley	38,809	41,284
Automobiles and parts	16,894	19,450	Beans	13,777	8,965
Canned goods, various	14,639	19,981	Canned goods	117,029	188,694
Cement	5,819	21,673	Coffee	7,466	11,793
Chemicals	12,301	11,439	Cold storage (food products) [7]	16,768	25,620
Coal and coke	6,285	22,367	Copra	12,236	1,509
Cotton, raw	23,398	24,594	Cotton, raw	6,787	11,912
Iron and steel	88,236	154,530	Flour	33,120	26,838
Machinery	9,712	14,830	Fruit, dried	25,824	38,523
Metals, various	5,793	14,185	Fruit, fresh	17,353	19,153
Oils, mineral	73,751	52,942	Lumber	231,978	237,882
Ores, various	4,501	10,096	Metals, various	45,147	64,286
Paper	36,635	43,608	Molasses and syrups	10,893	1,057
Phosphates	19,248	38,008	Nitrates	48,566	72,454
Sand	3,961	13,204	Oils, mineral	323,810	342,035
Scrap metal	45,340	108,253	Oils, vegetable	13,825	9,687
Sulphur	15,438	13,583	Ores, various	111,641	152,698
Tinplate	6,110	13,358	Paper	8,031	10,740
			Sugar	110,995	130,830
Pacific to Atlantic			Wheat	52,515	104,032
Asphalt and tar	174	11,133	Wood pulp	12,140	20,135

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of September 1936, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Agricultural implements	2,071	216	5,298	286
Alfalfa meal	.....	618	.....	833
Ammonium compounds	608	.....	4,819	.....
Animal foods [8]	217	241	217	1,054
Apparel, wearing (hats, shoes, clothing, etc.)	125	.....	125	50
Asbestos	675	22	1,490	22
Asphalt and tar	7,056	10,422	21,101	11,133
Automobiles (and autotrucks)	1,566	23	13,239	31
Automobile parts and accessories	356	117	6,211	118
Bags and bagging, textile	134	7	483	423
Bamboo and products	.....	.....	.....	181
Bananas	.....	.....	.....	1,522

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Barks, miscellaneous	44	.....	44	599
Barley	.....	225	.....	41,284
Beans, edible, dry	93	4,708	103	8,965
Beer	125	.....	164	.....
Beverages, nonalcoholic	205	.....	209	.....
Blood and tankage	.....	.....	709	272
Bones and bonemeal	.....	.....	927	60
Books and printed matter	73	8	79	8
Borax	67	594	72	6,680
Bran and pollards	16	171	18	2,260
Bricks and tile	324	.....	1,566	32
Camphor, crude	.....	.....	.....	163
Canned and preserved goods:				
Fish	992	28,476	1,512	51,444
Fruit	580	45,653	818	100,073
Meat	420	268	1,748	681
Milk	252	533	383	660
Soup	9,222	1,983	9,742	1,984
Vegetables	1,184	12,433	1,301	12,514
Miscellaneous and unclassified	3,585	16,738	4,477	21,338
Carbon black	14	.....	763	.....
Celite	.....	731	.....	731
Cement	440	30	21,673	30
Chalk	3	.....	873	.....
Charcoal	36	.....	55	.....
Chemicals [8]	4,684	3,724	11,439	4,074
Clay, china and fire	682	153	1,892	162
Clay, filtering	107	.....	107	110
Coal	2,936	.....	10,885	.....
Cocoa and cacao beans	242	.....	853	664
Coconuts and products [8]	.....	1,023	185	1,656
Coffee	233	335	3,477	11,793
Coke	.....	.....	11,482	.....
Cold storage and refrigerated products:				
Dairy products	42	97	393	10,586
Eggs	12	.....	12	48
Fish	67	2	101	951
Lard	.....	28	117	116
Meats	236	361	344	11,860
Vegetables	284	490	327	750
Other and unclassified	325	75	393	1,309
Confectionery	1,276	6	1,309	6
Copra	.....	.....	.....	1,509
Copra meal and cake	.....	.....	48	1,515
Corn	352	136	3,006	1,964
Cotton, raw	.....	475	24,594	11,912
Creosote	3,791	.....	3,791	.....
Drugs and medicines	459	17	584	140
Dyes	.....	.....	101	17
Earthenware	68	2	264	2
Eggs, dried	.....	.....	.....	431
Electrical apparatus and appliances	524	408	1,387	430
Explosives	39	10	749	15
Extract, quebracho	.....	.....	676	.....
Fertilizers [8]	1,103	409	1,793	429
Fish, salted or dry-cured	36	.....	41	40
Fish meal	.....	.....	.....	4,683
Floor coverings	2,035	575	2,035	733
Flour	523	24,680	1,829	26,838
Fruit, dried	198	23,433	244	38,523
Fruit, fresh [8]	867	5,300	867	19,153
Furniture and household goods	1,146	37	1,279	44
Gallnuts	.....	.....	.....	23
General	33,605	5,381	66,468	20,807
Glass and glassware	3,365	179	6,514	739
Glue	46	41	53	46
Grains, other and unclassified	.....	27	31	2,096
Groceries	1,164	43	1,337	112
Gums	.....	.....	5	192
Hair, all kinds	42	16	80	98
Hay	.....	22	.....	170
Hemp, unmanufactured	429	31	847	1,664
Honey	.....	571	13	765
Hops	.....	.....	10	21
Horns and hoofs	.....	.....	11	.....
Infusorial earth	496	339	511	602
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	102,527	818	154,530	1,034
Ivory nuts	.....	.....	31	2,593
Jute, unmanufactured	.....	.....	.....	172

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Lard substitute	472	104	488	193
Lime	.....	.....	101	.....
Liquors	3,732	375	5,470	386
Lumber (including manufactured mill products)	2,698	109,887	3,391	237,882
Machinery	5,008	1,599	14,830	1,999
Malt	.....	.....	555	304
Manufactured goods [8]	4,565	227	6,147	1,518
Marble and granite	80	.....	160	.....
Matches	196	7	377	7
Metals:				
Antimony	45	.....	45	.....
Copper	197	10,759	1,817	43,840
Gold and silver	.....	.....	.....	26
Iron	1,086	65	6,866	130
Lead	63	529	2,885	10,066
Tin	62	.....	1,300	1,911
Zinc	236	.....	948	7,738
Other and unclassified	162	104	324	575
Milk, powdered	.....	155	.....	503
Molasses and syrups	221	.....	221	1,057
Nitrates	4,105	116	4,233	72,454
Nuts, edible (including meats)	63	215	876	3,063
Oats	58	269	58	4,368
Oils, mineral:				
Crude	.....	115	90	137,724
Gas and fuel	78	10,653	21,691	41,554
Gasoline, benzine, and naphtha	20	41,899	347	129,358
Kerosene	.....	18	9,170	31,493
Lubricating and greases	8,541	1,465	21,601	1,881
Other and unclassified	43	25	43	25
Oils, vegetable:				
Coconut	.....	594	11	3,867
Cottonseed	.....	.....	412	17
Linseed	34	.....	453	.....
Olive	.....	17	87	17
Peanut	.....	.....	.....	5
Rapeseed	.....	661	.....	1,242
Wood	34	69	52	1,342
Other and unclassified	253	1,866	521	3,197
Oil, fish	.....	714	362	758
Oil, whale	.....	1,621	.....	1,985
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	55	373	1,324	825
Oilseed cake and meal	.....	27	.....	7,913
Ores:				
Antimony	.....	.....	.....	490
Chrome	118	.....	118	8,100
Copper	82	646	82	874
Gold and silver	.....	.....	4,000	1,435
Iron	92	.....	122	113,360
Lead	.....	.....	.....	6,300
Magnesite	.....	551	468	551
Manganese	.....	.....	125	10
Tin	.....	.....	.....	2,083
Zinc	40	.....	51	18,951
Other and unclassified	218	23	5,130	544
Paints and varnishes	2,782	247	4,629	306
Paper and paper products [8]	10,320	3,609	42,631	10,515
Paper, scrap	.....	225	977	225
Peanuts	293	.....	403	.....
Peas, dry	60	165	60	745
Peatmoss	32	.....	1,428	.....
Phosphates	1,901	.....	38,008	.....
Plaster	.....	.....	70	.....
Porcelainware	383	974	986	6,383
Potash	41	3,354	1,903	7,900
Pyrethrum flowers	.....	.....	.....	108
Rags and waste	146	171	1,633	1,041
Railroad material	.....	.....	470	.....
Rice	47	.....	682	4,888
Rope and twine	271	47	298	80
Rosin	935	392	4,319	409
Rubber:				
Manufactured	1,226	307	1,828	3,603
Raw	.....	.....	.....	5,160
Scrap	.....	.....	.....	66
Rye	.....	.....	14	.....
Salt	417	61	6,917	6,419
Sand	4,130	.....	13,204	500
Scrap metal	214	455	108,253	554
Seeds (except oilseeds)	.....	1,284	229	1,935

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Shells, oyster	1,727	13	1,817	33
Silk, raw	.....	285	31	2,946
Skins and hides	91	2,441	601	5,425
Slate	643	.....	893	16
Soaps and products	1,845	246	2,033	363
Soda and sodium compounds:				
Soda ash	1,446	.....	1,675	450
Soda, caustic	389	.....	1,220	26
Miscellaneous and unclassified	314	.....	685	6,170
Soya beans	158	.....	158	1,023
Sugar	70	18,998	8,651	130,830
Sulphur	6,507	.....	13,583	523
Talc	.....	18	.....	178
Tallow	.....	1,361	9	2,297
Tea	16	5	233	1,761
Textiles [9]	4,748	86	9,725	2,914
Tinplate	1,642	.....	13,358	40
Tobacco and manufactures	837	26	5,754	37
Toilet preparations	182	12	335	13
Turpentine	359	.....	387	.....
Vegetables, dry [8]	.....	.....	16	6
Wallboard	362	.....	527	1,185
Wax, paraffin	112	19	1,259	24
Wheat	.....	16,752	36	104,032
Wines	161	2,421	790	3,101
Wood pulp	200	15,616	7,078	20,135
Wool	156	1,210	329	4,311
Total, September 1936	272,244	450,009	834,741	1,691,625
Total, September 1935	166,183	486,034	581,334	1,413,153
Total, September 1934	174,289	675,751	574,734	1,568,098

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of September 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	34,753	9,879	7	38,915	[10] 64,135
East coast United States and Far East	1	4,999	8,962	.....	.....	.....
East coast Canada and South America	3	21,180	.....	4	21,777	45,736
South American intercoastal	1	5,056	9,856	.....	.....	.....
Cristobal and United States	1	5,761	.....	1	5,761	11,580
West Indies and:						
United States	1	5,996	.....	2	11,746	23,583
Balboa	1	4,844	9,710	.....	.....	.....
South America	1	7,888	14,764	1	7,789	14,764
Europe and:						
United States	4	26,013	.....	6	36,027	67,952
South America	5	30,148	.....	9	60,930	122,277
Africa and South America	1	4,355	.....	.....	.....	.....
Total	25	150,993	38,407	30	182,945	350,027

[10] Includes 10,422 tons asphalt.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at C. I. F. cost plus 25 percent surcharge which covers local freight, handling, and other costs.

Comparison of Canal Traffic in September 1936, with September Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of September			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	53	[11] 217	323	1915	[12] 100	361	466
1915	98	349	464	1916	60	199	258
1916	149	503	644	1917	145	483	588
1917	174	570	723	1918	165	547	627
1918	173	522	547	1919	162	510	576
1919	168	586	638	1920	199	712	781
1920	247	1,007	1,009	1921	232	950	966
1921	216	924	754	1922	222	951	907
1922	238	1,070	1,138	1923	325	1,550	1,631
1923	409	2,044	2,168	1924	429	2,179	2,249
1924	391	1,975	2,112	1925	382	1,904	1,996
1925	380	1,830	1,891	1926	424	2,064	2,169
1926	431	2,185	2,238	1927	441	2,184	2,311
1927	524	2,531	2,396	1928	521	2,453	2,468
1928	482	2,294	2,312	1929	524	2,485	2,554
1929	502	2,423	2,431	1930	502	2,497	2,502
1930	446	2,312	2,058	1931	447	2,314	2,089
1931	385	2,069	1,753	1932	364	1,968	1,650
1932	338	1,867	1,345	1933	347	1,900	1,513
1933	385	2,095	1,795	1934	436	2,379	2,059
1934	435	2,332	2,142	1935	432	2,317	2,109
1935	391	2,095	1,994	1936	449	2,335	2,209
1936	466	2,428	2,526	([13])	477	2,453	2,402

[11] Canal opened August 15, 1914. [12] Average for 10½ months. [13] Average 9 months of calendar year 1936.

Terminal Activities

Ships repaired during the month of September 1936, numbered 53; of this number, 10 were drydocked. Fuel oil in the quantity of 259,319 barrels was delivered as bunkers to 110 commercial ships. Bunker coal amounting to 5,863 tons was delivered to 26 commercial ships. Sales of commissary supplies to ships aggregated $42,678.21.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	22,648	8,728	31,376
Local cargo shipped ... tons	4,920	757	5,677
Cargo received for transshipment ... tons	34,693	1,401	36,094
Cargo transshipped ... tons	32,680	1,199	33,879
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	1	7
Number of releases issued	30	15	45
Tons received	30	9	39
Tons withdrawn	61	6	67

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	523	3,213,284	1,908,582	494	2,991,130	1,787,664
Vessels entering port but not transiting Canal	55	301,443	168,898	14	75,701	42,045
Vessels transiting Canal and handling passengers and cargo at terminal ports	129	819,492	475,259	98	671,621	384,837
Ships clearing						
All vessels, including those transiting Canal	518	3,205,418	1,902,373	492	2,978,724	1,777,199
Vessels clearing port but not transiting Canal	53	292,984	163,731	15	75,953	42,187
Vessels transiting Canal and handling passengers and cargo at terminal ports	129	834,192	482,580	100	690,368	396,409

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, September 15, 1936, to midnight, October 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Durazzo, 0, 161
Acajutla, 0, 671
Sta. Barbara, 402, 48¼
Lochkatrine, 154, 275
Tokai Maru, 889, 63
Santa Clara, 447, 133½
Cristobal, 2,008, 911
Trois Ilets, 311, 120
Santa Rosa, 271, 184
Veragua, 126, 18
City of Dalhart, 356, 0
Hermonthis, 24, 0
San Diego, 197, 371
Arica, 119, 120
Santa Marta, 501, 222
Ino, 397, 217½
Pereira, 439, 109
Christy Payne, 1,283, 0
Pennsylvania, 176, 16
Crynssen, 0, 618
Axel Johnson, 0, 195
Haiti, 92, 812
Ulua, 279, 161
San Francisco, 103, 44
Cali, 1,352, 168
R. L. Hustler, 1½, 0
Ammon, 67, 81
Portland, 27, 328
Kiyosumi Maru, 251, 0
Sona, 0, 45½
Cacique, 384, 21
Veragua, 33, 187½
Saarland, 98, 157
Santa Maria, 269, 1
Mayan, 302, 751
Cefalu, 131, 339
Laguna, 1, 95
Norfolk Maru, 443, 0
Granville, 396, 0
Lochmonar, 175, 0
San Jose, 88, 44
Damsterdijk, 154, 269
Orazio, 0, 141
Santa Rita, 160, 319¾
Quirigua, 63, 66
Sixaola, 356, 100
Margaret Lykes, 550, 184
Clio, 397, 114
West Camargo, 131, 0
Sessa, 1, 300
Colombia, 204, 17
Tai Yin, 938, 0
Cumbal, 145, 362
Calamares, 304, 606½
Mosel, 67, 89
Cerigo, 1,144, 0
Istmo, 525, 0
Lautaro, 207, 25
Buenaventura, 1,815, 628
Tuscalusa, 11,504, 0
Tactician, 206, 0
San Pedro, 1,133, 127
President Cleveland, 113, 0
Quirigua, 30, 280
Pastores, 172, 483
Duesseldorf, 131, 272
Boskoop, 114, 101
Abraham Lincoln, 5, 132
Santa Paula, 55, 1
California, 583, 0
Aachen, 29, 275
Amerika, 0, 139
Oakland, 215, 50
Asuka Maru, 158, 0
Contessa, 59, 299
Salvador, 175, 0
Santa Lucia, 176, 27
De La Salle, 38, 900
Sta. Barbara, 405, 146¼
Bodegraven, 143, 322
Hoegh Carrier, 1,141, 0
Nordstjernan, 152, 0
Washington, 74, 196
Oregon, 653, 502
Trois Ilets, 317, 0
Tres Amigos, 1, 0
Istmo, 0, 177
Ancon, 4,380, 977
Salvador, 0, 705
Albert H., 4, 0
San Clemente, 149, 1½
Peten, 170, 9
Santa Elena, 154, 316
Nankai Maru, 688, 85
Kwansai Maru, 0, 318
Tivives, 759, 371
Canadian Conqueror, 905
Colombia, 115¼, 702
Iriona, 280, 92½
Virgilio, 64, 19
Colombia, 4, 978
Cerigo, ¾, 262
Pomare, ¼, 0
Pereira, 494¼, 0
Ino, 433, 175
Manizales, 1,262, 261
Nuevo Panama, 0, 63
Punta Arenas, 218, 0
Caribia, 159, 39
Maja, 13,516, 0
Peten, 15, 492
Chimu, 304, 0
Santa Inez, 157, 1
Reina del Pacifico, 27½, 124
Schwaben, 90, 526
Balboa, 0, 131
Cefalu, 144, 301
Roda, 63, 37
Grenland, 286, 1,022
Wiegand, 0, 3
Havelland, 1, 0
Orbita, 49, 342
Brand, 0, 295
Commissaire Ramel, 14, 0
Santa Maria, 180, 385
Antofagasta, 14, 0
Port Alma, 135, 114
San Felipe, 184, 0
Guayaquil, 2,233, 533
President Hayes, ½, 0
Veragua, 92, 4
Noshiro Maru, 1,026, 0
Register, 178, 6
Metapan, 799, 31
Ruth Lykes, 185, 317
Santa Rosa, 210, 21
Clio, 438, 480
Ulua, 359, 155
Cacique, 102, 395
Haiti, 104, 852
Colonial, 312, 0
Este, 256, 205
Istmo, 592, 83
Durazzo, 1,139, 0
Lochgoil, 315, 37
Caribia, 15, 1,373
Cellina, 93, 0
Veragua, 14, 257
Nansenville, 6, 0
Phoenicia, 224, 62
Benjamin Franklin, 5, 46
Dinteldijk, 207, 32
Contessa, 175, 226
Flandre, 28, 631
Acajutla, 290, 705¼
Santa Clara, 447, 37
Santa Lucia, 480, 148¼
Wyoming, 89, 0
Trois Ilets, 343, 0
Venezuela, 234, 2
Cristobal, 2,903, 761
West Mahwah, 406, 0
La Paz, 240, 0
Osnabruck, 30, 72
Feltre, 322, 554
Loreto, 14, 926
Alkmaar, ¼, 99

BALBOA

Santa Barbara, 41, 0
Santa Clara, 30, 69
Christy Payne, 2,574, 0
Santa Rosa, 23, 5
City of Dalhart, 132, 0
Nitra, 360, 360
Durazzo, 0, 3
Chiriqui, 457, 22
La Purisima, 186, 8
Pennsylvania, 45, 10
Santa Maria, 7, 0
U. S. Grant, 126, 24
Granville, 725, 0
Santa Rita, 184, 28
Virginia, 67, 101
F. J. Luckenbach, 10, 0
President Harrison, 11, 0
Tai Yin, 457, 0
Talamanca, 681, 34
Cumbal, 20, 68
India, 0, 99
Abraham Lincoln, 3, 0
Mayan, 0, 16
Santa Paula, 111, 0
Santa Lucia, 73, 11
Takoaka Maru, 15, 0
Salvador, 1, 0
Nyhorn, 5, 0
Santa Barbara, 203, 0
Marie Bakke, 684, 0
Antigua, 1,077, 40
Santa Elena, 9, 33
San Pedro, 4,446, 0
Ena, 5,640, 0
California, 64, 0
Helgoland, 1, 0
Santa Maria, 141, 36
Santa Rosa, 222, 2
Pennsylvania, 10, 87
President Hayes, 13, 0
Republic, 354, 264
Cacique, 0, 5
Florida Maru, 158, 0
Elg, 198, 0
Gro, 83, 28
Scalaria, 7,828, 0
Benjamin Franklin, 1, 0
Rangitane, 52, 0
Nansenville, 281, 0
Acajutla, 3, 0
Grenland, 0, 107
West Mahwah, 1,129, 31
Santa Clara, 103, 0
Feltre, 71, 0
Annie Johnson, 698, 0
Santa Lucia, 140, 76

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,336; embarking 2,256; at Balboa, 1,449 disembarking and 1,429 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,795, from the Pacific to the Atlantic, 3,927. Aircraft numbering 44 entered Cristobal, and 197 passengers disembarked; clearances were 44, with 187 passengers embarking; at Balboa entries of aircraft were 26, with 82 passengers; clearances, 26, with 66 passengers.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight September 15, 1936, to midnight October 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Andrea F. Luckenbach.	15	16	Amer..	Luckenbach Line....	Providence, R. I.	Seattle, Wash...	General.....	2,601
Venice Maru.....	16	16	Jap...	Kawasaki Dock'd Co.	New York, N. Y.	Kobe, Japan....	Cotton, gen.	7,752
President de Vogue.[1] [2]	16	16	Nor...	Ciede Prod.Chimiques et Raf. de Berre.	Pt. de Bouc, Fr..	Talara, Peru....	Ballast.....	.....
Inapaquina[2] [3]....	16	16	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Darien, R. P....	Ballast.....	.....
Amerikaland[2]....	16	16	Swed..	Ore S. S. Corp.....	New York, N. Y.	Cruz Gr'de, Chile	Ballast.....	.....
Nordnes[2].....	16	16	Nor...	Longls.Mach.&Equip.	Baltimore, Md...	Yawata, Japan..	Scrap steel..	7,584
Lochkatrine[2].....	16	17	Brit...	Royal Mail Line, Ltd.	Rotterdam, Neth.	Portland, Oreg...	General.....	2,432
Edgar F. Luckenbach.	16	16	Amer..	Luckenbach Line....	Houston, Tex....	Tacoma, Wash..	General.....	10,210
Maria Cristina[3]..	16	16	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	2
J-52[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Santa Clara.....	16	17	Amer..	Grace Line.....	New York, N. Y.	Talcahuano,Chile	General.....	1,828
R. J. Hanna[2]....	16	18	Amer..	Arrow Oil Co.....	Aruba, D. W. I..	S. Francisco, Cal.	Fuel oil.....	9,710
Paul Luckenbach.	17	17	Amer..	Luckenbach Line....	Philadelphia, Pa.	Tacoma, Wash..	General.....	6,349
Angol.....	17	17	Chile..	Chilean-N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	General.....	5,222
Nojima Maru[2]....	17	17	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan....	General.....	6,854
Santos Maru[2]....	18	18	Jap...	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan....	Coffee, gen..	4,423
Kinai Maru[2].....	18	18	Jap...	Osaka Shosen Kaisha.	Boston, Mass....	Kobe, Japan....	General.....	8,117
Santa Rosa.....	18	19	Amer..	Grace Line.....	New York, N. Y.	S. Francisco, Cal.	General.....	3,196
Columbian.....	19	19	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	3,122
Chilore.....	19	19	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Pennsylvania.....	19	19	Amer..	States S. S. Line.....	Albany, N. Y....	Portland, Oreg...	General.....	4,488
Ino[2].....	18	19	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	196
Arica.....	18	19	Fr....	French Line.....	Le Havre, France	Valparaiso, Chile.	([14])	481
Durazzo.....	12	20	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	209
San Francisco....	19	20	Fr....	French Line.....	Dunkerque, Fr..	Vancouver, B. C.	General.....	4,293
Yomachichi[2].....	19	20	Amer..	Roosevelt S. S. Co...	Philadelphia, Pa.	Adelaide, Aust'lia	General.....	2,580
Mobile City.....	19	20	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Tacoma, Wash..	Steel, gen...	5,345
West Notus.....	19	20	Amer..	McCormick S. S. Co.	Albany, N. Y....	Seattle, Wash...	Gen., steel..	3,723
Dorothy Cahill...	19	20	Amer..	Arrow Line.....	Baltimore, Md...	Seattle, Wash...	General.....	5,347
Willamette Valley.[2]	20	20	Brit...	Reardon-Smith Line..	Boston, Mass....	Yawata, Japan..	Scrap steel..	8,064
Temple Bar.....	20	21	Brit...	Nitrate Corp. of Chile.	New York, N. Y.	Tocopilla, Chile..	Ballast.....	.....
Trois Ilets.....	17	21	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	65
Gothic Star.....	20	20	Brit...	Blue Star Line.....	Tyne, England..	Vancouver, B. C.	Ballast.....	.....
New Westminster City.	20	20	Brit...	Mitsubishi Shoko K..	Tampa, Fla.....	Yawata, Japan..	Scrap iron...	7,760
Penrith Castle[2]...	20	20	Brit...	Barber Line.....	New York, N. Y.	Moji, Japan.....	([15])	5,579
Sona[2].....	19	21	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R.P.	General.....	46
Asosan Maru[2]....	20	21	Jap...	Mitsui & Co.....	Boston, Mass....	Yokohama,Japan	General.....	5,804
Southern Sun[1] [2].	21	21	Amer..	Sun Oil Co.....	Chester, Pa.....	Los Angeles, Cal.	Ballast.....	.....
President Herrenschmidt.[1] [2]	21	21	Nor...	Pechelbronn.....	Donges, France..	Talara, Peru....	Ballast.....	.....
Acajutla.....	15	21	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	575
Saarland.....	21	22	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Valparaiso, Chile.	General.....	7,902
Gertrude Maersk[2]	21	22	Dan...	A. P. Moller.....	Boston, Mass....	Cebu, P. I.....	General.....	7,599
Vancouver City[2].	21	22	Brit...	Sir W. R. Smith & Son	Pt. Tampa, Fla..	Osaka, Japan....	([16])	8,279
Norne[2].....	22	22	Nor...	Mitsubishi Shoji K...	Pt. Ever'es, Fla..	Yokohama,Japan	Scrap iron...	6,413
Canadolite[1] [2]....	22	22	Brit...	Imperial Oil Co.....	Montreal,Canada	Talara, Peru....	Ballast.....	.....
August.....	22	22	Nor...	Nitrate Corp. of Chile	London, England	Chile.....	Ballast.....	.....
Garonne[1] [2].....	22	22	Nor...	Fearnley & Eger.....	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Ionic.....	23	24	Brit...	Shaw, Savill & Albion	London, England	Auckland, N. Z..	General.....	8,807
Point Brava.....	22	23	Amer..	Gulf-Pacific Line....	Houston, Tex....	Tacoma, Wash..	General.....	5,702
Samuel Bakke[2]..	22	23	Nor...	Knutsen Line.....	Belfast, Ireland..	Vancouver, B. C.	Ballast.....	.....
Granville[2].....	23	24	Pan...	Fred Olsen Line.....	Oslo, Norway....	Vancouver, B. C.	General.....	1,921
Grant[8].....	22	24	Amer..	U. S. Army.....	New York, N. Y.	S. Francisco, Cal.	General.....	233
Eidsvold[2].....	23	23	Nor...	Kawasaki K. Kaisha..	New York, N. Y.	Yokohama,Japan	Cotton, gen.	7,525
Laguna[2].....	22	23	Brit...	Pacific Steam Nav.Co.	Hull, England...	Talcahuano,Chile	General.....	4,995
Maria Cristina[3]..	23	23	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	2
Enoch[3].....	23	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.....	([17])	.....
San Jose.....	23	24	Fr....	French Line.....	Le Havre, France	Vancouver, B. C.	General.....	5,690
Point Arena.....	24	24	Amer..	Swayne & Hoyt.....	Mobile, Ala.....	S. Francisco, Cal.	General.....	3,665
Anglo-Australian.	24	24	Brit...	Lawther, Latta & Co.	N. Shields, Eng...	Vancouver, B. C.	Ballast.....	.....
Lochmonar[2].....	23	24	Brit...	Royal Mail Line, Ltd.	Rotterdam, Neth.	Vancouver, B. C.	General.....	2,158
Slemmestad[2].....	24	24	Nor...	Fern Line.....	Pto. Colombia...	Portland, Oreg...	Ballast.....	.....
Virginian.....	24	24	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	2,323
J-26[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
101[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
211[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
238[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
President Harrison.	25	25	Amer..	Dollar Line.....	New York, N. Y.	Manila, P. I.....	Mach., gen..	4,743
Virginia.....	25	25	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General.....	3,440

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [1 2] Motor boat. [14] General, cotton, iron, steel, glass. [15] Scrap steel, general. [16] Cotton, scrap iron. [17] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Taranger [2]	25	25	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	2
Loosdrecht [1 2]	25	25	Neth.	N. V. Phs. Van Ommer.	Odense, Denmark	Los Angeles, Cal.	Ballast	.....
Tongariro	25	26	Brit.	N. Z. Shipping Co.	Newport, Eng.	Dunedin, N. Z.	General	11,106
F. J. Luckenbach.	25	25	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,793
Santa Rita [2]	25	25	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,969
Point Ancha	25	26	Amer.	Swayne & Hoyt	Pt. Arthur, Tex.	Seattle, Wash.	General	4,286
Teal [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Canadian Reefer [2]	25	26	Dan.	J. Lauritzen	Tel Aviv, Pales'e.	Vancouver, B. C.	Ballast	.....
Ohioan	26	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,101
Den Haag [1 2]	25	26	Neth.	International Co.	Plymouth, Eng.	S. Francisco, Cal.	Ballast	.....
City of Brisbane.	26	26	Brit.	Amer. & Aust'ian Line	Montreal, Canada	Sydney, Aust'lia.	General	4,340
Cressington Court	26	26	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	8,392
Tosca [2]	26	26	Nor.	Knut Knutsen O. A. S.	Kristiansund, Nor	Tocopilla, Chile.	Ballast	.....
Gen. M. H. Sherman.	26	26	Amer.	Matson S. S. Line	Baltimore, Md.	Honolulu, T. H.	General	2,200
West Camargo	26	26	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	3,820
Pat Doheny [1]	26	26	Amer.	Reilly Tar & Chem. Co.	Baltimore, Md.	Seattle, Wash.	Creosote, tar.	9,879
Sidney M. Hauptman.	26	26	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	3,570
Sessa	26	26	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	1,594
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	101
Pereira	18	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	300
Cali	19	27	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	279
Mosel	26	27	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	8,804
Dunelmia	26	27	Brit.	Empire Shipping Co.	Pt. Royal, Jam.	Vancouver, B. C.	Ballast	.....
Moveria [2]	26	27	Brit.	Donaldson Bros., Ltd.	Glasgow-England	Vancouver, B. C.	General	1,016
Katrina Luckenbach.	27	27	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,026
Portmar	27	27	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,000
Selma City	27	27	Amer.	Isthmian S. S. Lines.	Swansea, England	Vancouver, B. C.	General	5,882
Cumbal [2]	26	27	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,510
Hektor [2]	27	27	Nor.	Gamashita Kisen K.	Charleston, S. C.	Kobe, Japan	General	6,479
Tolken	27	27	Swed.	Transatlantic S. S. Co.	Boston, Mass.	Vancouver, B. C.	Ballast	.....
Maud [2]	27	28	Nor.	Richard Nathan	Habana, Cuba.	Osaka, Japan	Scrap iron.	5,075
Silverspruce [2]	27	28	Amer.	McCormick S. S. Co.	New York, N. Y.	Los Angeles, Cal.	Sand, soda.	4,646
Eleanor Christenson.	27	28	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	4,000
Westmoreland	28	28	Brit.	Federal Steam Nav. Co.	Liverpool, Eng.	Adelaide, Aust'lia	General	3,096
India [2]	25	29	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	Ballast	.....
Mayan	22	28	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	783
American Eagle	28	28	Amer.	Stauffers Chem. Co.	Pt. Sulphur, La.	Los Angeles, Cal.	Sulphur	6,300
Edith [13]	...	...	Pan.	C. B. Fenton & Co.	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Victolite [1 2]	29	29	Brit.	Imperial Oil Co.	Montreal, Canada	Talara, Peru	Ballast	.....
Willhilo	29	29	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	2,402
Northmoor [2]	29	29	Brit.	States Marine Corp.	Pt. Tampa, Fla.	Seikoshin, Japan	Phosphates.	7,672
Tai Ping [2]	29	29	Nor.	Barber-Wilhelmsen.	Pt. Tampa, Fla.	Seikoshin, Japan	Phosphates.	8,407
Oakland [2]	29	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Portland, Oreg.	Coke, iron.	6,734
California	28	29	Amer.	States S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,598
Oregonian	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,495
Enoch [3]	29	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	[14]	.....
City of Elwood [2]	30	30	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	4,321
President Lincoln.	1	2	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	[15]	2,610
Rangitiki [2]	1	1	Brit.	N. Z. Shipping Co.	London, England	Pt. Chal'ers, N.Z.	General	3,260
Kurama Maru [2]	30	1	Jap.	Kokusai K. Kaisha.	New York, N. Y.	Kobe, Japan	[16]	8,476
Evanger	30	1	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	General	5,667
Speybank [2]	30	1	Brit.	Eagle Oil & Ship. Co.	Tampico, Mex.	Fremantle, Aus'ia	[17]	8,033
King Arthur [2]	30	1	Brit.	Australian Dis. Line.	Leith, England	Estevan [18]	Ballast	.....
Villanger [2]	1	2	Nor.	Interocean S. S. Corp.	Copenhagen, Den.	Los Angeles, Cal.	Ballast	.....
Chas. R. McCormick.	1	1	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,799
Skaraas [1 2]	1	2	Nor.	Iver Bugge Larvik	London, England	Los Angeles, Cal.	Ballast	.....
Genota [1 2]	1	1	Neth.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	.....
Lewis Luckenbach	1	1	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,111
Santa Barbara [2]	1	2	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,887
Bodegraven	1	1	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,436
Athelprincess [1 2]	1	1	Brit.	United Molasses Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
Nordstjernan [2]	1	2	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	3,380
Sylvafield [1 2]	1	2	Brit.	Standard Oil of N. J.	Caripito, Venez.	Tocopilla, Chile.	Fuel oil	8,177
Silversandal [2]	2	2	Brit.	S. & J. Thompson	Baltimore, Md.	Hongkong, China	General	2,974
Baron Fairlie	2	2	Brit.	H. Hobart & Sons	Philadelphia, Pa.	Vancouver, B. C.	Ballast	.....
San Clemente	2	2	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	3,292
Kwansai Maru [2]	2	2	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	Gen., autos.	6,966
Santa Elena	2	3	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	1,791
Washington [2]	1	2	Fr.	French Line	Le Havre, France	Vancouver, B. C.	General	6,662
Julia Luckenbach.	2	2	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Ballast	.....
Manley [9]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Fairfax [9]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Maria Cristina [3]	2	2	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2

[1] Tanker. [2] Motor ship. [3] Motor schooner. [9] Destroyer. [11] Mine sweeper. [13] Sailboat. [14] For bananas and eturn to Cristobal. [15] General, iron, steel. [16] Phosphates and cotton. [17] Asphalt, lubricating oil. [18] For orders.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Fernglen [2]	2	3	Nor.	Fern Line	Galveston, Tex.	Osaka, Japan	([14])	8,031
D. G. Scofield [1]	3	3	Amer.	Standard Oil of Calif.	Baltimore, Md.	S. Francisco, Cal.	Ballast	.....
Iowan	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,969
Hanley	3	3	Amer.	Pac. Coast Direct Line	New York, N. Y.	Seattle, Wash.	General	3,622
Temple Moat	3	3	Brit.	Temple S. S. Corp.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Lebore	3	3	Amer.	Bethlehem Steel Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Falsterbo [2]	3	4	Swed.	Axel Brostrom & Son.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Virgilio [2]	3	4	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	289
Trois Ilets	1	4	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador.	Ballast	.....
Pacific Reliance [2]	3	4	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	806
Cingalese Prince [2]	4	4	Brit.	States Marine Corp.	Houston, Tex.	Osaka, Japan	([15])	7,185
Chattanooga City	4	4	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,561
Ena [1] [2]	3	6	Neth.	Curacauschi Pet. Imp.	Curacao, D. W. I.	S. Francisco, Cal.	Ballast	.....
Langleetarn	4	4	Brit.	F. Carrick & Co.	Beaumont, Tex.	Kobe, Japan	Scrap iron	8,098
Benwood	4	4	Nor.	Chilean Nit. Co.	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Port Wyndham [2]	4	4	Brit.	Com'lth & Dom. Line	London, England	N.Plymouth,N.Z.	General	6,149
Istmo	9	-26	4 Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	250
Cape Howe	4	4	Brit.	Lyle Shipping Co.	Hamburg, Ger.	Pisco, Peru	([16])	5,590
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	80
Sambu [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Chitra [5]	...	...	Amer.	J. F. Grunning	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Argual	3	5	Hond.	United Fruit Co.	New Orleans, La.	Pto. Arm'les, R. P.	Ballast	.....
Cerigo	3	5	Ger.	Hamburg-Amer. Line.	Pto. Colombia	Guayaquil, Ecua.	([17])	695
Sirius [13]	3	8	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	General	4,932
G. C. Brovig [1] [2]	4	5	Nor.	Th. Brovig	Farsund, Norway	Lobitos, Peru	Ballast	.....
Alexia [1] [2]	4	5	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	.....
Henry D. Whiton.	5	5	Amer.	Union Sulphur Co.	Freeport, Tex.	Tacoma, Wash.	Sulphur	6,332
Pennmar	5	5	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,410
Chief [5]	...	...	Amer.	John E. Waddell	Gatun, C. Z.	Cristobal, C. Z.	([18])	.....
Point Vincente	5	6	Amer.	Swayne & Hoyt	New Orleans, La.	S. Francisco, Cal.	Steel, lum.	6,000
Herman F. Whiton	5	6	Amer.	Texas-Gulf Sulph. Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,300
Pennsylvanian	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,714
Salvador	9	-29	6 Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	705
Deroche [1]	6	7	Amer.	Union Oil Co. of Cal.	Paulsboro, N. J.	Los Angeles, Cal.	Ballast	.....
Ilissos	6	6	Greek.	Gildemister	Montreal,Canada	Salaverry, Peru	Ballast	.....
Enoch [3]	6	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [19]	.....	.....
P-10 [5]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Roda [2]	6	7	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,272
Chr. Sass [2]	6	7	Dan.	Continental Grain Co.	New Orleans, La.	Portland, Oreg.	Ballast	.....
Thalatta [2]	7	7	Nor.	LongIs.Mach.&Equip.	Savannah, Ga.	Moji, Japan	Scrap iron	8,704
Helen Whittier	7	7	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	1,907
Glaucus	7	7	Brit.	Ocean S. S. Co	Philadelphia, Pa	Osaka, Japan	General	5,613
Willzipo	7	7	Amer.	Williams S. S. Co.	Bridgeport, Conn	Tacoma, Wash.	General	3,232
Benholm	7	7	Brit.	Montreal-Aust.-N. Z.	Montreal,Canada	Auckland, N. Z.	General	6,072
Wiegand	7	7	Ger.	North German Lloyd.	New Orleans, La.	Adelaide, Aust'lia	Gen., asphalt	7,485
Havelland [2]	7	8	Ger.	Hamburg-Amer. Line.	Galveston, Tex.	Moji, Japan	([14])	7,753
Point Estero	8	8	Amer.	Swayne & Hoyt	New Orleans, La.	S. Francisco, Cal.	General	3,652
Dallington Court.	8	8	Brit.	Canadian Transp. Co.	Barry, England	Estevan. [20]	Ballast	.....
California Express. [2]	7	10	Nor.	Fruit Express Line	Oslo, Norway	Seattle, Wash.	Ballast	.....
Antofagasta	8	8	Chile.	Chilean-N. Amer. Co.	New York, N. Y.	Talcahuano,Chile	General	3,618
Calmar	8	8	Amer.	Calmar Line	New York, N. Y.	Seattle, Wash.	Gen., steel	6,189
Orbita	7	8	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	2,270
Santa Maria [2]	8	9	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,680
Brand [2]	8	8	Nor.	Isbrandtsen Moller Co	Baltimore, Md.	Manila, P. I.	General	4,518
J. L. Luckenbach.	9	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	4,124
Pennsylvania	9	10	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	1,758
Chaumont [8]	8	10	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	571
San Felipe	8	9	Amer.	Pac.-Atlantic S. S. Co.	Norfolk, Va.	Portland, Oreg.	General	2,663
Nordhval [2]	9	9	Dan.	West Indian Trad. Co.	Copenhagen, Den	B'ventura, Col.	([21])	5,850
Magmeric	9	9	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,350
President Hayes.	9	10	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	2,960
Ino [2]	3	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	159
Langleecrag	10	10	Brit.	F. Carrick & Co	Newp't News,Va.	Yawata, Japan	Scrap iron	7,943
Liberator	10	...	Amer.	Lykes Bros.-Ripley	Mobile, Ala	Cebu, P. I.	General	7,577
Alaskan	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,885
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Rokos	10	11	Greek.	Canadian Transp. Co.	Newp't News, Va.	James Is., B. C.	Nitrates	2,200
Gro	11	12	Nor.	Wessel, Duval & Co.	New York, N. Y.	SanAntonio,Chile	General	3,124
Gryfevale	10	11	Brit.	Nitrate Corp. of Chile	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Este	10	11	Ger.	North German Lloyd.	Hamburg, Ger.	Portland, Oreg.	General	8,449
Noto Maru [2]	11	11	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	5,879
Manizales	3	11	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	450
Cacique	10	11	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,520
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	85
Cellina [2]	11	12	Ital.	Nav. Libera-Triestina	Trieste, Italy	Vancouver, B. C.	General	1,342
Bethore	11	12	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [10] Mine sweeper. [13] Auxiliary. [14] Phosphates, cotton. [15] Cotton, scrap iron. [16] Phosphates, cement. [17] General, flour, lard. [18] Towing barge *No. 5562*. [19] For bananas and return to Cristobal. [20] For orders. [21] Cement, cattle.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Pan Aruba [1] [2]	11	12	Nor.	Huasteca Pet. Co.	Falmouth, Eng.	Talara, Peru	Ballast	
Port Adelaide	10	12	Brit.	Port Line	Philadelphia, Pa.	Fremantle, Aus'ia	General	5,997
Norfolk Maru	12	12	Jap.	Kawasaki K. Kaisha	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Telde	11	12	Hond.	United Fruit Co.	New Orleans, La.	Pto. Arm'les, R. P.	Ballast	
Nansenville [2]	12	12	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	4,868
Lena Luckenbach.	12	12	Amer.	Luckenbach Line	New Orleans, La.	Los Angeles, Cal.	General	7,629
Canadian Cruiser.	12	13	Brit.	Montreal-Aust.-N. Z.	Montreal, Canada	Adelaide, Aust'lia	General	4,548
No. 236 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 232 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 242 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 243 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 244 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 249 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
Pacific President [2]	12	13	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	783
Brimanger [2]	11	12	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	32
Whitney [13]	12	15	Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 250 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 233 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 248 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 241 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
No. 234 [9]	12		Amer.	U. S. Navy	Mobile, Ala.	San Diego, Calif.	Ballast	
Snar	13	13	Nor.	Polarus Ship. Co.	Newp't News, Va.	Callao, Peru	Coal	3,500
Kano Maru [2]	12	13	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Iron, cotton.	7,405
Phoenicia [2]	12	13	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Acajutla, Sal'dor.	General	2,458
Grenland	6	14	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,042
Mexican	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,204
Enoch [3]	13		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		
PacificCommerce [2]	14	14	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	6,179
El Oso [1]	14	15	Brit.	C. T. Bowring & Co.	Birkenhead, Eng.	Cabo Bl'co, Peru.	Ballast	
Dinteldijk [2]	13	15	Neth.	Holland-Amer. Line.	Rotterdam, Neth.	Vancouver, B. C.	General	2,682
Maria Cristina [3]	14	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Santa Lucia	14	15	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,283
Oklahoma [14]	15	16	Amer.	U. S. Navy	Norfolk, Va.	Los Angeles, Cal.	Ballast	
Wyoming	14	15	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	Chalk, steel.	6,045
Annie Johnson [2]	14	16	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,342
Phoenix [1]	14	15	Amer.	Amer. Tankers Corp.	Houston, Tex.	Seattle, Wash.	Gasoline	8,340
Harry Luckenbach.	14	15	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,480
Fresno Star	15	15	Brit.	Blue Star Line	Tyne, England	N. Westm'er, B.C.	Ballast	
Siam [2]	15	15	Dan.	Mitsubishi Co.	Texas City, Tex.	Yokohama, Japan	Scrap iron.	8,885
Tokai Maru [2]	15	15	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	6,111
Trois Ilets	14	15	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador.	Ballast	
Franz Klasen [1] [2]	15	15	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Hallingdal [2]	15	15	Nor.	Eagle Oil Co.	Tampico, Mexico	Auckland, N. Z.	Asphalt	4,772
Steel Scientist	15	16	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Penang, St. Sett.	Steel, gen.	7,952
Trontolite [1] [2]	15	16	Brit.	Imperial Oil Co.	Montreal, Canada	Talara, Peru	Ballast	

PACIFIC TO ATLANTIC

Lebore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Trontolite [1] [2]	15	16	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Gasoline	7,552
D. G. Scofield [1]	15	16	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Asphalt	10,422
Grena [1] [2]	16	16	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands' End [14]	Gasoline	11,560
Santa Barbara [2]	16	16	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	4,248
Tokai Maru [2]	16	17	Jap.	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md.	Silk, gen.	3,441
Telesfora de Larrinaga.	16	16	Brit.	Canadian Transp. Co.	N. Westm'er, B.C.	London, England	Lum., wheat.	8,000
Pacific Grove [2]	16	16	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scotland	General	9,265
Edward Luckenbach.	16	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,356
Texan	16	17	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,225
Ardanbhan	17	17	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Liverpool, Eng.	Lumber, gen.	7,315
Mauna Kea	17	17	Amer.	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md.	Sugar, gen.	7,278
Herman Frasch	17	17	Amer.	Dutton Lumber Corp.	Seattle, Wash.	Camden, N. J.	Lumber	5,400
Point Chico	17	17	Amer.	Swayne & Hoyt	Puget Sound	CorpusCh'ti, Tex.	General	5,644
Trois Ilets	17	20	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	General	282
Deroche [1]	17	17	Amer.	Union Oil Co., Calif.	Los Angeles, Cal.	Paulsboro, N. J.	Gasoline	9,125
Timber Rush	17	17	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Albany, N. Y.	Lumber, gen.	6,823
Luxor [1] [2]	17	17	Brit.	H. E. Moss & Co.	Los Angeles, Cal.	Lands' End [16]	Gasoline	9,351
Vagabunda [17]	11		Amer.	Dan Lamb	Los Angeles, Cal.	Cristobal, C. Z.	Ballast	
Serenitas	17	18	Ital.	Lautaro Nitrate Co.	Ant'fagasta, Chile	Genoa, Italy	Copper, nit.	7,500
Hermonthis [2]	18	18	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,387
Greylock	18	19	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	9,718
Quebec City	18	18	Brit.	Reardon-Smith Line.	Vancouver, B. C.	Cardiff, Wales	Gen., lumber	7,600
San Diego	18	19	Fr.	French Line	Portland, Oreg.	Le Havre, France	General	6,095
Point Sur	18	18	Amer.	Swayne & Hoyt	S. Francisco, Cal.	CorpusCh'ti, Tex.	General	4,233

[1] Tanker. [2] Motor ship. [3] Motor schooner. [9] Destroyer. [13] Destroyer tender. [14] Battleship. [15] For bananas and return to Cristobal. [16] For orders. [17] Canoe.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Steel Traveler	18	18	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	General	8,520
Ino [2]	18	19	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	365
Pereira	18	27	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	398
City of Dalhart [2]	18	19	Amer.	Roosevelt S. S. Co.	Manila, P. I.	New York, N. Y.	General	1,040
Eastern Glade	19	19	Amer.	Bulk Carriers Corp.	Vancouver, B. C.	Houston, Tex.	Wheat	7,750
Axel Johnson [2]	19	19	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Grain, gen.	5,825
Sona [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Trevorian	19	20	Brit.	Colonial Sugar Ref. Co.	Cairns, Aust'lia	Montreal, Canada	Sugar	7,417
Inapaquina [2]	19	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Christy Payne [1] [3]	18	19	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	([13])	7,811
Hopetor	19	19	Brit.	A. Stott & Co.	Paagoum'e, N. C.	Philadelphia, Pa.	Chrome ore	8,100
Hawaiian	19	19	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	6,979
Bonnington Court. [2]	19	19	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Halifax, N. S.	Lumber, gen.	7,100
Cali	19	27	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,229
Kiyosumi Maru [2]	20	20	Jap.	Kokusai Kisen Kaisha	Penang, St. Sett.	New York, N. Y.	General	7,320
Ammon	20	20	Ger.	Hamburg-Amer. Line	Corral, Chile	Hamburg, Ger.	General	8,390
Dimitrios Inglessis.	20	20	Greek	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Lumber, gen.	7,000
Portland [2]	20	20	Ger.	Hamburg-Amer. Line	Vancouver, B. C.	Hamburg, Ger.	General	7,071
Hindanger [2]	20	20	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Le Havre, France	Lumber, gen.	7,153
Sacramento Valley	20	20	Brit.	W. R. Smith & Sons	Vancouver, B. C.	Cardiff, Wales	General	7,960
Marore	20	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Nitro	19	21	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	Navy stores	785
Maria Cristina [2]	21	21	Pan.	Antonio Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([14])	15
Cacique	21	21	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,367
Minnesotan	21	21	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	General	8,639
Daldorch	21	21	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Hull, England	Grain, lum.	8,025
Indra [2]	21	21	Nor.	Knut Knutsen	Tocopilla, Chile	Sundswall, Swed.	General	6,701
Sonja Maersk	21	21	Dan.	Isbrandtsen Moller	Guayamas, N. S.	Rotterdam, Neth.	Rice	2,531
Montrolite [1] [2]	21	21	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Crude oil	15,692
Point Reyes	21	22	Amer.	Gulf-Pacific Line	Seattle, Wash.	Lake Charles, La.	General	4,030
Swan [2]	21	...	Amer.	George Ford	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Pennsylvania	21	22	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	8,840
Mayan	22	28	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	303
Fermia	21	22	Swed.	Axel Brostrom & Son	Aberdeen, Wash.	Rotterdam, Neth.	Lumber	3,196
Point Palmas	21	22	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	General	5,065
Rotula [1] [2]	21	22	Neth.	Shell Oil Co.	Los Angeles, Cal.	Lands End [15]	([16])	11,347
Santa Maria [2]	22	22	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	433
San Lucas	22	22	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	10,960
Edwin Christenson.	22	22	Amer.	Sudden & Christenson	Seattle, Wash.	Baltimore, Md.	Lumber	6,736
Genota [1] [2]	22	22	Neth.	Asiatic Petroleum Co.	S. Francisco, Cal.	Lands' End [15]	Gasoline	11,115
Jacob Luckenbach	22	22	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	8,231
Pomona	22	22	Amer.	Weyerhaeuser S. S. Co.	Longview, Wash.	Baltimore, Md.	Lumber, gen.	10,359
Robert Luckenbach.	22	22	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	Lumber, gen.	9,234
Winslow	22	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Launch	.....
Steel Ranger	22	22	Amer.	Isthmian S. S. Lines	Port Allen, T. H.	Baltimore, Md.	([17])	8,467
African Reefer [2]	22	22	Dan.	J. Lauritzen	Los Angeles, Cal.	Marseilles, France	Fruit	1,602
El Ciervo [1]	22	23	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Terdonck, Belg.	Crude oil	8,017
Bronnoy [2]	22	23	Nor.	Wessel, Duval & Co.	Tocopilla, Chile	Lake Charles, La.	Nitrates	8,110
San Bernardino	23	23	Amer.	Quaker Line	Portland, Oreg.	Albany, N. Y.	Lumber, gen.	7,360
Norfolk Maru	23	23	Jap.	Kawasaki K. Kaisha	Shanghai, China	New York, N. Y.	Silk, gen.	2,240
President de Vogue. [1] [2]	23	23	Nor.	S. Bergesen Dy. & Co.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,673
Amagisan Maru [2]	23	23	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	General	8,076
Zjawa	23	...	Amer.	Tucker McClure	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Texmar	23	24	Amer.	Calmar S. S. Corp.	Pt. Angeles, Wash.	New York, N. Y.	Lumber	7,050
Steel Engineer	24	24	Amer.	Isthmian S. S. Lines	Los Angeles, Cal.	Swansea, Wales	General	8,100
Damsterdijk [2]	24	25	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	10,557
Port Hunter	24	24	Brit.	Port Line	Wellington, N. Z.	London, England	Frozen, gen.	5,349
Marion Otis Chandler.	24	24	Amer.	Matson Nav. Co.	Pt. Allen, T. H.	New York, N. Y.	Sugar, gen.	6,838
Sunoil [1] [2]	24	25	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,774
Orazio [2]	24	26	Ital.	Italian Line	Valparaiso, Chile	Genoa, Italy	General	3,399
Bethore	24	25	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Brandywine [1]	24	25	Amer.	Hillcone S. S. Co.	Los Angeles, Cal.	Mobile, Ala.	Ballast	.....
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	351
Preradovic	25	25	Y-Slav	Nitrate Corp. of Chile	Tocopilla, Chile	Azores [15]	Nit. of soda	7,970
Point Judith	25	25	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	([18])	7,381
Golden Mountain	24	25	Amer.	Amer.-Hawaiian Line	Los Angeles, Cal.	San Juan, P. R.	General	9,068
Montanan	25	25	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	8,491
Winslow [19]	25	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Istmo	25	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, drums	508
Kaldfonn [1] [2]	26	26	Nor.	Sigbal Bergesen	Richmond, Calif.	Hamburg, Ger.	Benzine	13,267
Malmanger [1]	26	26	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	10,142
Cerigo	26	28	Ger.	Hamburg-Amer. Line	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,040

[1] Tanker. [2] Motor ship. [13] Gasoline, kerosene. [14] Lumber, plantains. [15] For orders. [16] Benzine, kerosene. [17] Sugar, canned fruit. [18] Lumber, wheat, general. [19] Towing barge.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Tai Yin [2]	26	27	Nor...	Barber-Wilhelmsen...	Manila, P. I.	New York, N. Y.	General	4,434
Horace Luckenbach.	26	27	Amer..	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General	8,733
Absaroka	17	27	Amer..	McCormick S. S. Co..	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	8,910
Pennington Court	26	27	Brit...	Canadian Transp. Co.	Portland, Oreg.	Dublin, I. F. S..	Grain, lum..	8,500
Barfonn [1] [2]	27	27	Nor...	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng..	Crude oil	13,898
Lautaro [2]	27	28	Brit...	Pacific Steam Nav. Co	Corral, Chile	Liverpool, Eng..	General	8,670
San Pedro	27	28	Fr....	French Line	Valparaiso, Chile.	Liverpool, Eng..	General	8,475
Selandia [2]	27	28	Dan...	East Asiatic Co.	S. Francisco, Cal.	Hull, England	Barley	5,869
West Cape	27	27	Amer..	McCormick S. S. Co..	Eureka, Calif.	Philadelphia, Pa.	Gen., lumber	8,201
President Cleveland.	28	28	Amer..	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,704
Sutherland [2]	27	28	Brit...	Canadian Transp. Co.	S. Francisco, Cal.	London, England	Grain, lum..	8,400
Boskoop	27	29	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,218
Sorvard [2]	27	28	Nor...	Laurits Kloster	Manila, P. I.	Savannah, Ga.	Sugar	6,700
Dusseldorf [2]	28	29	Ger...	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	5,659
Manoeran [2]	28	28	Neth..	Pac.-Java-Bengal Line	Vancouver, B. C.	Calcutta, India	General	7,035
American	28	28	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Gen., lumber	7,247
Abraham Lincoln [2]	28	29	Nor...	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,284
Trebartha	28	28	Brit...	Seaboard Ship. Co..	Vancouver, B. C.	London, England	Grain, tim'r.	6,453
Olympia Maru [2]	28	28	Jap...	Mitsubishi Shoji K..	Kam'ka, U.S.S.R.	London, England	Canned fish	7,198
K. I. Luckenbach.	28	28	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,366
Berganger [2]	28	28	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Grain, lum..	7,903
Santa Paula	28	29	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,548
Golden Harvest..	28	28	Amer..	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md..	([13])	7,320
Martin Bakke [2]	28	28	Nor...	Knutsen Line	Vancouver, B. C.	Belfast, I. F. S..	General	7,890
Steelore	29	29	Amer..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md..	Iron ore	21,800
Amerika [2]	28	29	Dan...	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	Lumber, gen.	9,261
Maria Cristina [2]	28	2	Pan...	Antonio Tagaropulos.	Darien, R. P.	Cristobal, C. Z..	Plantains	2
President Herrenschmidt. [1] [2]	28	29	Nor ..	Pechelbronn	Talara, Peru	Antwerp, Belgium	Crude oil	13,052
Aachen	28	30	Ger...	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	7,834
Chr. Knudsen [2]	28	29	Nor...	Anglo-Can. S. S. Co..	Los Angeles, Cal.	St. Johns, N. B..	Lumber, gen.	7,600
Arinia [1] [2]	28	29	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	Gasoline	11,773
Mary D	28	29	Amer..	Pac.-Amer. Fisheries..	Belling'm, Wash.	New York, N. Y.	([14])	5,660
Ward [2]	28	29	Amer..	Roosevelt S. S. Co.	Adelaide, Aust'lia.	Montreal, Canada	General	7,807
Dolius [2]	29	30	Brit...	Alfred Holt & Co.	Kam'ka, U.S.S.R.	London, England	([14])	7,000
Asuka Maru [2]	29	30	Jap...	Nippon Yusen Kaisha	Iloilo, P. I.	Charleston, S. C.	Sugar, gen..	7,881
Salvador	29	6	Brit...	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z..	General	174
Kinross [2]	29	30	Brit...	Anglo-Can. S. S. Co..	N. Westm'er, B.C.	Antwerp, Belgium	([15])	8,700
Lagarto [2]	29	30	Brit...	Pacific Steam Nav. Co	S. Antonio, Chile.	Hull, England..	General	6,726
Winkleigh	30	30	Brit...	Anglo-Can. S. S. Co..	Chemainus, B. C.	London, England	Lumber, gen.	8,840
Santa Lucia	29	30	Amer..	Grace Line	S. Antonio, Chile.	New York, N. Y.	General	2,982
Nyhorn [2]	30	30	Nor...	Knut Knutsen	Valparaiso, Chile.	Antwerp, Belgium	General	7,211
Constance Chandler.	30	30	Amer..	Matson Nav. Co.	Honolulu, T. H..	Philadelphia, Pa.	General	7,286
Hoegh Carrier [2]	30	2	Nor...	Kawasaki K. Kaisha..	Shanghai, China.	Houston, Tex.	General	3,800
Lundby [2]	1	1	Dan...	Canadian Transp. Co.	Vancouver, B. C.	Hartlepool, Eng..	Lumber	5,900
Trois Ilets	1	4	Fr....	French Line	B'ventura, Col..	Cristobal, C. Z..	([16])	287
Bengal Maru	1	1	Jap...	Nippon Yusen Kaisha	Yokohama, Japan	London, England	([14])	5,764
West Ira	1	1	Amer..	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	6,548
Koln	1	1	Ger...	North German Lloyd.	Tocopilla, Chile..	Azores [17]	Nit. of soda	9,843
Minerva [2]	1	1	Nor...	C. D. Mallory & Co..	Powell Riv., B. C.	Houston, Tex.	([18])	6,075
Oregon [2]	1	2	Fr....	French Line	Seattle, Wash.	Le Havre, France	General	8,466
San Marcos	1	1	Amer..	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,058
Dilworth [1]	1	2	Amer..	Shell Oil Co	Los Angeles, Cal.	Sewaren, N. J.	Kerosene	10,000
Stjerneborg [2]	1	2	Dan...	Canadian Transp. Co.	Portland, Oreg.	Cork, I. F. S.	Wheat, lum.	7,716
Sage Brush	1	2	Amer..	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,536
Lieut. Col. H. C. Schumm. [4]	2	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Paula	1	2	Dan...	West Coast Line	Valparaiso, Chile.	New York, N. Y.	Gen., nitrates	2,500
Nankai Maru [2]	2	3	Jap...	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md..	([19])	5,502
Tacoma City	2	2	Brit...	Sir W. R. Smith & Son	Otaru, Japan	Cardiff, Wales	General	7,500
Pacific Enterprise. [2]	2	2	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scotland	General	9,040
Canadian Conqueror.	2	3	Brit...	Montreal-Aust.-N. Z.	Auckland, N. Z..	Montreal, Canada	General	2,067
North Haven	1	2	Amer..	Northland Transp. Co.	Tacoma, Wash.	Corpus Ch'ti, Tex.	([14])	5,567
Svealand [2]	2	3	Amer..	Ore S. S. Corp	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,400
Nebraskan	2	3	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,500
Nuevo Panama [2]	3	4	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	94
Ardangorm	2	3	Brit...	Anglo-Can. S. S. Co..	Victoria, B. C.	London, England	Lumber, gen.	7,700
Ino [2]	3	10	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General	390
Pereira	3	10	Pan...	Elliot Ship. & Land Co.	B'ventura, Col..	Cristobal, C. Z..	Coffee	447
Point Montara	3	3	Amer..	Swayne & Hoyt	Portland, Oreg.	New Orleans, La.	Gen., lumber	4,095
Manizales	3	11	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	General	1,147
Point Bonita	3	3	Amer..	Gulf-Pacific Line	S. Francisco, Cal.	Corpus Ch'ti, Tex.	General	3,739
Sambu	2	4	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	11

[1] Tanker. [2] Motor ship. [4] Tug. [13] Sugar, pineapples. [14] Canned salmon. [15] Lumber, zinc concentrates. [16] Coffee, vegetable wax. [17] For orders. [18] Newsprint, shingles. [19] Sugar, oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Elwood [1]	3	4	Amer.	Shell Oil Co	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	9,769
Jefferson Myers	4	4	Amer.	States S. S. Co	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	10,504
Lillian Luckenbach.	3	4	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	9,404
Punta Arenas	4	4	Chile	Chile.-N. Amer. Line.	Valparaiso, Chile.	New York, N. Y.	General	4,953
Chimu [2]	5	5	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,579
Vermar	5	5	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber	7,380
California	5	6	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	9,646
Amerikaland [2]	6	6	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,300
Reina del Pacifico. [2]	6	6	Brit.	Pacific Steam Nav.Co.	SanAntonio,Chile	Liverpool, Eng.	General	6,331
Olney [1]	5	6	Amer.	Penn. Shipping Co	Los Angeles, Cal.	Baltimore, Md.	Gasoline	9,187
Grenland	5	13	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	271
Benwell Tower	6	6	Brit.	Seaboard Ship. Co	Vancouver, B. C.	Hull, England	Wheat, lum.	5,338
Santa Inez [2]	6	6	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,009
Schwaben	5	7	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,795
Kentuckian	6	6	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,755
Balboa [2]	6	7	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	8,168
Welsh City	6	6	Brit.	Modiano & Sons	Dairen, China	United Kingdom.	Soya beans.	8,800
Bessemer City	6	6	Amer.	Isthmian S. S. Lines	N.Westm'er,B.C.	Avonmouth, Eng.	General	8,179
Mauna Ala	6	7	Amer.	Matson-Isthmian Line	Hilo, T. H.	New York, N. Y.	Sugar, gen.	8,271
Mathew Luckenbach.	7	7	Amer.	Luckenbach-Gulf Co.	Los Angeles, Cal.	New Orleans, La.	General	8,165
Surrey	7	7	Brit.	FederalSteamNav.Co.	Auckland, N. Z.	London, England	Frozen, gen.	5,864
Modavia [2]	7	7	Brit.	Donaldson Bros	Victoria, B. C.	Glasgow,Scotland	Gen., fruit	5,647
Canadolite [1] [2]	7	7	Brit.	Imperial Oil Co	Talara, Peru	Montreal,Canada	Crude oil	15,573
Susan V. Luckenbach.	7	8	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	8,421
Helgoland	7	8	Ger.	North German Lloyd.	Central America.	Galveston, Tex.	Ballast	.....
Port Alma [2]	7	8	Brit.	Com'lth & Dom. Line	Adelaide, Aust'lia	Montreal,Canada	Frozen, gen.	7,200
Commissaire Ramel.	8	9	Fr.	Messageries Marit'es.	Noumea,N.Caled	Marseilles,France	General	5,270
Victolite [1] [2]	7	8	Brit.	Imperial Oil Co	Talara, Peru	Montreal,Canada	Crude oil	16,168
Point Clear	7	8	Amer.	Swayne & Hoyt	S. Francisco, Cal.	Lake Charles, La.	General	6,708
Golden Horn	8	8	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	New York, N. Y.	Potash, gen.	7,284
Dorothy Luckenbach.	8	8	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,087
Willsolo	8	9	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Bridgeport,Conn.	Lumber, gen.	9,742
Comet [5]	3	...	Amer.	W. Garvey	Miraflores Lake.	Balboa, C. Z.	Ballast	.....
Chilore	9	9	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
San Angelo	9	9	Amer.	States S. S. Co	Portland, Oreg.	Philadelphia, Pa.	General	8,540
Teal [4]	9	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Gedania [1]	9	9	Ger.	Standard Oil of N. J.	Talara, Peru	Le Havre, France	Crude oil	12,265
Noshiro Maru [2]	9	9	Jap.	Nippon Yusen Kaisha	Keelung, Japan.	Baltimore, Md.	Silk, gen.	5,130
Chilean Reefer [2]	9	9	Dan.	J. Lauritzen	S. Francisco, Cal.	Haifa, Palestine.	Fresh fruit	1,545
Argual	9	9	Hond.	United Fruit Co	Pto.Arm'les,R.P.	Mobile, Ala.	Bananas	728
Magnolia [1]	9	9	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Petroleum	13,562
Houston City [2]	9	9	Brit.	Modiano & Sons	Dairen, China	Cobh, I. F. S. [13]	Soya beans.	8,900
Clio [2]	9	17	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	394
Santa Rosa	9	10	Amer.	Grace Line	Los Angeles, Cal.	New York, N. Y.	General	2,385
Maria Cristina [2]	8	9	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([14])	9
Nevadan	9	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,620
Devon City [2]	10	10	Brit.	Reardon-Smith Line.	Nawiliwili, T. H.	Cardiff, Wales	General	7,800
Hegira	10	10	Amer.	Weyerhaeuser S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	10,500
Republic [8]	9	11	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	863
Durazzo	10	12	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,045
Bellingham	10	10	Amer.	Cargill Grain Co	Seattle, Wash.	Albany, N. Y.	Wheat	7,328
Yorkmar	10	10	Amer.	Calmar S. S. Corp	Seattle, Wash.	Baltimore, Md.	Lumber	7,305
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	502
Treloske	10	11	Brit.	Hain S. S. Co	Victoria, B. C.	London, England	Wheat, lum.	6,823
Everleigh	11	11	Brit.	Seaboard Ship. Co	Vancouver, B. C.	London, England	Wheat, lum.	9,210
Cape St. Andrew	11	11	Brit.	Seaboard Ship. Co	Vancouver, B. C.	London, England	Wheat, lum.	7,450
Lochgoil [2]	11	12	Brit.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	9,373
Beatus	11	12	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	Lands' End [13]	Sugar	7,543
Knoxville City	11	12	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,410
Min	12	12	Brit.	Hain S. S. Co	Mackay, Aust'lia.	Montreal,Canada	Sugar	7,500
Elg [2]	11	12	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Boston, Mass.	Gen., lumber	6,750
San Rafael	12	13	Amer.	States S. S. Co	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,563
Point Lobos	12	13	Amer.	Swayne & Hoyt	Seattle, Wash.	Mobile, Ala.	Lumber, gen.	5,423
Trondanger [2]	12	12	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	8,116
Steel Exporter	12	12	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Swansea, Eng.	General	7,260
Vega	11	14	Amer.	U. S. Navy	Bremerton,Wash.	Norfolk, Va.	Navy stores.	3,760
Benjamin Franklin. [2]	13	13	Nor.	Fred Olsen & Co	Vancouver, B. C.	Oslo, Norway	Wheat, gen.	8,879
Pacific Pioneer [2]	12	13	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow,Scotland	Gen., fruit	8,535
Arizonan	13	14	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Gen., lumber	9,005
Steel Maker	13	13	Amer.	Isthmian S. S. Lines.	Mahukona, T. H.	New York, N. Y.	([15])	8,709
Rangitane [2]	12	13	Brit.	N. Z. Shipping Co	Auckland, N. Z.	London, England	Frozen, gen.	6,102

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [13] For orders. [14] Plaintains, lumber. [15] Sugar, pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Alabaman	13	13	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md.	General	8,000
William Luckenbach.	13	13	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	Gen., lumber	9,884
Nailsea Moor	13	13	Brit.	Anglo-Can. S. S. Co.	Chemainus, B. C.	Montreal, Canada	Gen., lumber	6,571
Acajutla	13	20	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	291
Gypsum King	13	14	Brit.	Consorcio Agricola Ex.	Pab.de Pica, Chile	Tampa, Fla.	Guano	5,600
G. C. Brovig [1] [2]	13	14	Nor.	Th. Brovig	Lobitos, Peru	Dunkerque, Fr.	Crude oil	14,193
Everett	13	14	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Albany, N. Y.	Lumber, gen.	7,533
Santa Clara	14	14	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	4,025
Trois Ilets	14	15	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	311
Southern Sun [1] [2]	14	14	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa.	([13])	13,819
Apollo [1] [2]	12	15	Brit.	British Government	San Jose de Guat.	Bermuda, B. W. I.		7,962
Brazos [1]	14	17	Amer.	U. S. Navy	Los Angeles, Cal.	Coco Solo, C. Z.	Gasoline	266
West Mahwah	13	16	Amer.	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	7,152
Alkmaar	14	16	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	10,795
La Paz [2]	15	16	Brit.	Pacific Steam Nav. Co	Talcahuano, Chile	Liverpool, Eng.	General	8,990
Perene	15	...	Peru	C. P. V. D. Line	Callao, Peru	Iquitos, Peru	General	899
Penrose	15	15	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Preston, England	Lumber, gen.	7,098
R. J. Hanna [1]	15	15	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Asphalt	8,980
Belpareil [2]	15	15	Nor.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Lumber	9,600
Feltre [2]	15	16	Ital.	Nav. Libera-Triestina	Vancouver, B. C.	Trieste, Italy	General	2,506
Winslow [5]	15	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	([14])	.....
Barge	15	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		.....

[1] Tanker. [2] Motor ship. [5] Launch. [12] Cruiser. [13] Gasoline, spirits. [14] Towing barge.

Comparison of Traffic at the Suez and Panama Canals for the First Eight Months of the Calendar Years 1935 and 1936

The following is a comparison of traffic at the Suez and Panama Canals for the first 8 months of the calendar years 1935 and 1936:

Month	Suez Canal Number of transits 1935	Suez Canal Number of transits 1936	Suez Canal Percent increase	Panama Canal Number of transits 1935	Panama Canal Number of transits 1936	Panama Canal Percent increase
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
April	506	490	[14] 3.2	432	482	11.6
May	481	484	0.6	424	488	15.1
June	458	426	[14] 7.0	405	481	18.7
July	487	466	[14] 4.3	377	456	21.0
August	503	471	[14] 6.4	395	473	19.7
Total	3,816	3,889	1.9	3,343	3,830	14.6

Month	Suez Canal Tolls collected 1935	Suez Canal Tolls collected 1936	Suez Canal Percent increase	Panama Canal Tolls collected 1935	Panama Canal Tolls collected 1936	Panama Canal Percent increase
	Thousands of francs			*Thousands of dollars*		
January	74,200	77,190	4.0	1,911	2,019	5.7
February	65,010	69,960	7.6	1,827	1,953	6.9
March	74,990	78,960	5.3	2,018	2,294	13.7
April	79,210	70,110	[14] 11.5	1,891	2,080	10.0
May	72,140	71,010	[14] 1.6	1,996	2,081	4.3
June	68,600	63,450	[14] 7.5	1,798	2,073	15.3
July	71,730	68,170	[14] 5.0	1,684	1,999	18.7
August	71,640	64,990	[14] 9.1	1,757	2,052	16.8
Total	577,520	563,840	[14] 2.4	14,882	16,551	11.2

[14] Decrease.

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Traffic Through the Panama Canal in October 1936

The total vessels of all kinds transiting the Panama Canal during the month of October 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	October 1934	October 1935	October 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	467	441	248	234	482
Local commercial vessels [1]	43	51	25	18	43
Noncommercial vessels:					
United States Government	145	27	33	10	43
Colombian Government	2	1	.....	.....	.....
For repairs	.....	2	1	.....	1
Total	657	522	307	262	569

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation of the ocean-going traffic transiting the Canal shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected, each month for the 12 months ended October 31, 1936, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
November	469	418	2,546,417	2,165,559	2,339,001	2,050,422	$2,137,916.55	$1,796,820.57
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	1,952,192.57	1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
Total	5,087	5,655	27,126,209	29,123,758	24,892,062	28,321,897	22,717,288.43	24,471,166.40

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for October 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 115	643,930	608,952	Netherlands	19	74,734	75,922
Chilean	2	7,351	8,571	Norwegian	54	264,108	272,125
Danish	14	56,517	50,273	Panamanian	15	34,915	32,213
French	10	62,693	53,253	Peruvian	1	1,640	899
German	32	135,081	162,715	Swedish	12	58,601	83,141
Greek	6	25,173	31,837	United States	173	976,141	961,630
Honduran	4	6,212	1,578				
Italian	4	30,711	7,790	Total	482	2,499,678	2,463,069
Japanese	21	121,871	112,170				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Includes 1 naval vessel of 7,962 tons displacement.

Traffic by Trade Routes, October 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	58	339,268	199,698	67	375,576	531,199
East coast United States and:						
Canada	10	45,260	14,335	4	15,989	25,739
Central America	4	7,625	.....	5	11,329	3,008
South America	20	88,366	25,617	14	57,149	126,067
Balboa	1	5,245	500	.....	.....	.....
Hawaiian Islands	3	15,315	3,454	5	25,952	40,769
Australasia	5	26,728	24,686	.....	.....	.....
Philippine Islands	11	72,391	50,765	10	64,123	62,293
Far East	26	147,546	196,186	6	34,077	26,468
Canadian intercoastal	3	15,571	6,179	2	8,864	13,400
East coast Canada and:						
South America	3	16,034	.....	2	14,427	31,741
Australasia	4	19,900	20,158	4	21,487	24,532
Central American intercoastal	2	2,217	3	.....	.....	.....
East coast Central America and Australasia	3	12,119	19,267	.....	.....	.....
South American intercoastal	3	6,047	9,213	1	1,640	899
East coast South America and:						
United States	1	5,959	.....	2	9,980	13,113
Canada	3	13,848	17,143	1	5,424	3,807
Far East	1	7,606	4,341	.....	.....	.....
Cristobal and:						
Central America	4	4,088	3,101	5	7,596	1,095
South America	11	5,900	2,453	13	8,251	8,278
West Indies and:						
United States	1	5,991	.....	2	10,365	20,696
South America	.....	.....	.....	1	6,805	13,748
Balboa	1	4,493	8,578	.....	.....	.....
Europe and:						
United States	7	32,215	8,860	6	33,023	55,817
Canada	29	170,008	70,312	46	259,375	359,893
Central America	1	3,508	2,458	.....	.....	.....
South America	21	133,487	57,164	22	134,534	210,850
Hawaiian Islands	.....	.....	.....	1	5,583	7,800
Australasia	7	67,193	38,965	7	50,996	43,813
Far East	1	4,625	5,623	4	20,187	30,964
Asia and United States	.....	.....	.....	2	4,078	3,135
Around the world	2	18,644	7,035	1	6,523	7,851
Foreign vessels in ballast (United States intercoastal)	2	9,148	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[5] 1	.....	.....
Total	248	1,306,345	796,094	234	1,193,333	1,666,975

[5] Naval.

Origin and Destination of Cargo by Major Areas, October 1936

The following table summarizes the origin of cargo passing through the Canal in October 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	214,618	14,640	242,182	21,804	20,886	514,130
Other North America	1,085	18,758	2,234	9,609	43,636	75,322
Europe	60,310	19,834	5,623	54,029	38,279	178,075
Miscellaneous	14,062	3,838	1,824	8,568	275	28,567
Total	290,075	57,070	251,863	94,010	103,076	796,094

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	530,923	34,479	201,080	16,651	783,133
Canada	20,699	15,386	226,230	1,962	264,277
Other North America	43,777	1,516	1,212	.....	46,505
South America	124,452	56,223	209,994	914	391,583
Australasia	3,668	20,864	43,813	.....	68,345
Asia	84,220	4,448	24,464	.....	113,132
Total	807,739	132,916	706,793	19,527	1,666,975

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during October 1936, or October 1935, are listed below:

Commodity	October		Commodity	October	
	1935	1936		1935	1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*	*Long tons*	*Long tons*
Ammonium compounds	4,721	11,100	Asphalt and tar	10,721	9,575
Asphalt and tar	18,472	25,625	Barley	30,023	20,738
Automobiles and accessories	17,853	18,023	Beans, edible	17,321	15,456
Canned goods, various	18,502	13,703	Borax	7,617	10,929
Cement	9,126	24,716	Canned goods, various	165,239	181,740
Chemicals	9,988	10,093	Cold storage (food products) [6]	18,453	17,935
Coal and coke	9,270	17,397	Copra	14,173	10,650
Cotton, raw	34,942	55,782	Cotton, raw	10,440	7,074
Iron and steel	105,581	131,750	Flour	32,196	30,465
Machinery	12,398	10,508	Fruit, dried	50,522	57,087
Metals, various	14,032	15,022	Fruit, fresh [7]	30,105	33,380
Mineral oils	58,851	47,022	Lumber	255,615	313,657
Ores	25,382	7,627	Metals, various	57,084	52,644
Paper	35,453	42,336	Nitrates	60,951	48,431
Phosphates	35,213	29,876	Oils, mineral	278,518	275,601
Sand	10,790	7,145	Ores (principally iron)	128,821	105,678
Scrap metal	36,530	91,029	Paper	6,841	12,538
Sulphur	25,066	33,366	Soy beans	.....	17,700
Wood pulp	4,661	13,291	Sugar	116,676	121,943
			Wheat	63,615	111,177
			Wood pulp	13,500	15,189

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of October 1936, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	31	.....
Agricultural implements	727	207	2,690	207
Alfalfa meal	.....	647	90	773
Ammonium compounds	133	153	11,100	6,537
Animal foods [8]	496	327	496	327
Apparel, wearing (hats, shoes, clothing, etc.)	15	.....	16	49
Asbestos	383	.....	2,111	.....
Asphalt and tar	251	9,032	25,625	9,575

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Automobiles (and autotrucks)	1,391	129	10,507	138
Automoiles parts and accessories	2,896	244	7,516	325
Bags and bagging, textile	437	1	871	1
Bamboo and products	.....	.....	.....	262
Bananas	.....	.....	.....	4,659
Barks, miscellaneous	.....	46	1	318
Barley	45	.....	45	20,738
Beans, edible, dry	97	10,186	102	15,456
Beer	424	.....	551	50
Beverages, nonalcoholic	38	.....	44	.....
Blood and tankage	.....	.....	.....	19
Bones and bonemeal	.....	50	1,591	90
Books and printed matter	29	10	37	10
Borax	.....	1,000	.....	10,929
Bran and pollards	38	.....	48	2,659
Bricks and tile	150	.....	294	2
Camphor, crude	.....	.....	.....	93
Canned and preserved goods:				
Fish	844	33,258	1,322	50,486
Fruit	327	63,986	413	102,282
Meat	177	241	1,093	449
Milk	62	.....	499	214
Soup	5,627	2,900	6,415	2,938
Vegetables	909	11,898	1,056	12,406
Miscellaneous and unclassified	1,996	12,547	2,905	12,965
Carbon black	30	.....	626	.....
Celite	.....	448	.....	448
Cement	290	.....	24,716	.....
Chalk	.....	.....	570	.....
Charcoal	30	.....	61	.....
Chemicals [8]	4,307	3,405	10,093	4,003
Clay, china and fire	84	.....	2,578	119
Coal	1,917	.....	8,563	.....
Cocoa and cacao beans	292	.....	711	511
Coconuts and products [8]	27	1,150	267	2,572
Coffee	50	58	4,443	9,237
Coke	.....	.....	8,834	.....
Cold storage and refrigerated products:				
Dairy products	117	364	396	8,174
Eggs	66	15	84	192
Fish	30	12	143	824
Lard	67	421	302	716
Meats	178	63	387	6,722
Poultry	.....	7	.....	7
Vegetables	32	77	82	377
Other and unclassified	171	894	262	923
Confectionery	1,226	82	1,321	88
Copra	.....	.....	.....	10,618
Copra meal and cake	.....	.....	.....	32
Corn	.....	108	8,686	108
Cotton, raw	44	348	55,782	7,074
Creosote	.....	.....	8,860	.....
Drugs and medicines	1,039	75	1,364	80
Dyes	.....	.....	89	1
Earthenware	15	28	126	432
Eggs, dried	.....	.....	.....	368
Electrical apparatus and appliances	362	28	481	154
Explosives	.....	30	300	128
Extract, quebracho	.....	.....	799	.....
Fertilizers [8]	1,252	421	2,427	422
Fish, salted or dry-cured	.....	.....	42	26
Fish meal	.....	387	.....	4,605
Floor coverings	1,261	734	1,326	946
Flour	17	28,042	1,636	30,465
Fruit, dried	36	20,335	214	57,087
Fruit, fresh [8]	24	2,867	389	33,380
Furniture and household goods	248	111	326	124
Gallnuts	.....	.....	.....	40
General	13,342	17,515	48,985	29,579
Glass and glassware	2,514	956	6,327	2,284
Glue	9	18	62	23
Grains, other and unclassified	.....	118	.....	266
Groceries	426	132	580	424
Guano	.....	.....	.....	5,600
Gums	.....	141	.....	211
Hair, all kinds	.....	.....	32	399
Hay	.....	50	17	229
Hemp, unmanufactured	34	184	114	1,787
Honey	.....	77	.....	827
Horns and hoofs	.....	.....	64	.....

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Infusorial earth	.....	384	10	975
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	81,201	1,733	131,750	1,825
Ivory nuts	18	.....	555	3,208
Jute, unmanufactured	.....	46	10	298
Lard substitute	341	.....	346	158
Lime	.....	.....	184	.....
Liquors	3,928	671	5,700	987
Lumber (including manufactured mill products)	1,491	142,033	2,696	313,657
Machinery	3,120	936	10,508	1,246
Malt	.....	.....	360	93
Manufactured goods [8]	5,100	408	8,779	2,472
Marble and granite	26	.....	200	.....
Matches	398	109	466	147
Metals:				
Antimony	.....	.....	.....	82
Copper	230	8,300	3,038	31,198
Gold and silver	.....	1	.....	10
Iron	2,140	.....	3,902	.....
Lead	7	1,435	5,024	15,086
Tin	50	245	675	970
Zinc	17	.....	1,331	5,276
Other and unclassified	562	.....	1,052	22
Milk, powdered	.....	118	15	349
Molasses and syrups	181	.....	261	1,195
Nitrates	90	.....	3,037	48,431
Nuts, edible (including meats)	34	579	896	1,750
Oats	.....	706	13	5,667
Oils, mineral:				
Crude	.....	.....	.....	113,462
Gas and fuel	.....	59	16,755	22,505
Gasoline, benzine, and naphtha	8,430	46,337	8,601	97,998
Kerosene	.....	19,653	.....	40,426
Lubricating and greases	8,667	1,025	20,987	1,210
Other and unclassified	527	.....	679	.....
Oils, vegetable:				
Coconut	.....	450	48	2,878
Cottonseed	130	.....	997	10
Linseed	312	.....	397	.....
Olive	21	45	69	45
Peanut	.....	.....	.....	1,225
Rapeseed	.....	207	28	207
Wood	30	.....	31	1,675
Other and unclassified	82	1,474	629	3,419
Oil, fish	.....	1,299	24	2,105
Oil, whale	.....	1,470	.....	1,470
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	180	618	898
Oilseed cake and meal	.....	.....	.....	5,045
Ores:				
Antimony	.....	.....	.....	561
Chrome	50	.....	50	2,029
Copper	55	487	450	487
Gold and silver	.....	.....	.....	506
Iron	159	191	1,781	88,055
Lead	.....	.....	2	3,008
Magnesite	.....	30	.....	131
Manganese	.....	979	673	1,229
Tin	.....	.....	843	2,844
Zinc	110	.....	122	4,109
Other and unclassified	51	93	3,706	2,719
Paints and varnishes	1,492	441	3,239	671
Paper and paper products [8]	9,573	6,490	42,311	12,528
Paper scrap	.....	.....	25	10
Peanuts	285	.....	285	.....
Peas, dry	.....	451	.....	1,137
Peatmoss	.....	.....	832	.....
Phosphates	300	.....	29,876	7,345
Plaster	.....	.....	348	.....
Porcelainware	426	521	1,748	5,307
Potash	.....	3,782	4,466	7,244
Pyrethrum flowers	.....	.....	.....	295
Rags and waste	8	357	345	2,884
Railroad material	.....	.....	349	.....
Rice	473	.....	2,236	1,855
Rope and twine	284	66	367	164
Rosin	402	87	3,209	87
Rubber:				
Manufactured	389	594	651	2,983
Raw	.....	.....	.....	3,788
Scrap	.....	22	43	96

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Salt	127	.....	1,541	2,945
Sand	51	.....	7,145	350
Scrap metal	1,113	17	91,029	500
Seeds (except oilseeds)	7	1,031	364	1,694
Sewer pipe (concrete and terra cotta)	28	.....	28	.....
Shells, oyster	382	.....	782	257
Silk, raw	.....	2,922	8	5,017
Skins and hides	159	3,694	522	7,116
Slate	2,029	.....	2,030	.....
Soaps and products	1,387	434	1,704	617
Soda and sodium compounds:				
Soda ash	2,489	.....	2,901	401
Soda, caustic	217	.....	989	.....
Miscellaneous and unclassified	337	.....	402	61
Soya beans	.....	.....	.....	17,700
Sugar	.....	14,107	1,609	121,943
Sulphur	22,566	.....	33,366	145
Talc	.....	67	10	116
Tallow	.....	1,353	.....	1,767
Tea	4	36	59	2,550
Textiles [9]	3,270	181	7,811	6,583
Tinplate	952	.....	9,312	.....
Tobacco and manufactures	606	10	5,970	40
Toilet preparations	73	.....	131	120
Turpentine	129	.....	1,055	.....
Vegetables, dry [8]	34	.....	382	73
Wallboard	91	.....	385	611
Wax, paraffin	143	.....	2,527	405
Wheat	.....	19,642	117	111,177
Wines	78	2,768	796	4,173
Wood pulp	15	10,937	13,291	15,189
Wool	112	2,667	264	6,084
Total, October 1936	214,618	530,923	796,094	1,666,975
Total, October 1935	226,418	494,973	684,515	1,544,021
Total, October 1934	207,159	577,314	643,444	1,529,308

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of October 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	36,356	8,340	7	39,793	[11] 74,970
East coast Canada and South America	2	12,172	.....	2	14,427	31,741
East coast South America and United States	1	5,959	.....	.....	.....	.....
South American intercoastal	1	3,993	8,177	.....	.....	.....
West Indies and:						
United States	1	5,991	.....	2	10,365	20,696
South America	.....	.....	.....	1	6,805	13,748
Balboa	1	4,493	8,578	.....	.....	.....
Europe and:						
United States	4	24,031	[10] 8,860	4	23,013	42,901
South America	7	43,839	.....	8	49,617	98,668
Total	24	136,834	33,955	24	144,020	282,724

[10] Creosote. [11] Includes 8,980 tons of asphalt.

Comparison of Canal Traffic in October 1936, with October Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of October			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	83	[12] 322	425	1915	[13] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	151	482	617	1917	145	483	588
1917	164	522	600	1918	165	547	627
1918	181	552	657	1919	162	510	576
1919	191	670	705	1920	199	712	781
1920	226	934	991	1921	232	950	966
1921	249	1,069	985	1922	222	951	907
1922	291	1,310	1,446	1923	325	1,550	1,631
1923	420	2,139	2,127	1924	429	2,179	2,249
1924	383	1,923	2,018	1925	382	1,904	1,996
1925	406	1,955	2,009	1926	424	2,064	2,169
1926	435	2,124	2,374	1927	441	2,184	2,311
1927	551	2,584	2,716	1928	521	2,453	2,468
1928	543	2,514	2,581	1929	524	2,485	2,554
1929	554	2,747	2,844	1930	502	2,497	2,502
1930	506	2,583	2,393	1931	447	2,314	2,089
1931	384	2,081	1,763	1932	364	1,968	1,650
1932	367	1,987	1,581	1933	347	1,900	1,513
1933	433	2,414	2,124	1934	436	2,379	2,059
1934	467	2,516	2,173	1935	432	2,317	2,109
1935	441	2,358	2,229	1936	449	2,335	2,209
1936	482	2,500	2,463	([14])	478	2,458	2,408

[12] Canal opened August 15, 1914. [13] Average for 10½ months. [14] Average 10 months of calendar year 1936.

Terminal Activities

Ships repaired during the month of October 1936 numbered 46; of this number, 13 were drydocked. Fuel oil in the quantity of 337,017 barrels was delivered as bunkers to 123 commercial ships. Bunker coal amounting to 3,054 tons was delivered to 16 commercial ships. Sales of commissary supplies to ships aggregated $50,611.94.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	25,737	13,093	38,830
Local cargo shipped ..... tons	2,827	867	3,694
Cargo received for transshipment ..... tons	37,997	1,569	39,566
Cargo transshipped ..... tons	40,709	782	41,491
"Canal Zone for Orders" cargo:			
Number of receipts issued	12	1	13
Number of releases issued	37	8	45
Tons received	123	7	130
Tons withdrawn	34	33	67

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	558	3,379,552	2,017,559	529	3,174,879	1,898,401
Vessels entering port but not transiting Canal	61	319,986	179,800	15	75,097	44,292
Vessels transiting Canal and handling passengers and cargo at terminal ports	142	924,377	538,928	106	774,789	459,190
Ships clearing						
All vessels, including those transiting Canal	556	3,366,396	2,008,463	524	3,159,946	1,889,685
Vessels clearing port but not transiting Canal	57	297,199	165,204	13	72,927	42,122
Vessels transiting Canal and handling passengers and cargo at terminal ports	140	918,851	535,471	105	774,352	458,966

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, October 15, 1936, to midnight, November 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Paula, 116, 88
Quirigua, 108, 19
Canada, 13, 0
Margaret Johnson, 0, 51
Sonnavind, 673, 0
Friesland, 5, 71
Santa Marta, 364, 142
Hokuroku Maru, 676, 91
Peter Kerr, 251, 80
Pastores, 146, 126
Calamares, 367, 142
Kongo Maru, 448, 0
Durazzo, 10, 132
Nurnberg, 69, 178
Venezuela, 4, 824
Sona, 0, 42
Tuira, 5, 37
Istmo, 245, 110
Cali, 1,198, 401
Sambu, 19½, 26
Dagfred, 700, 0
Bennekom, 44, 213
Quirigua, 91, 306
Cumbal, 282, 0
Seattle, 295, 186
Santa Rita, 128, 27
Delftdijk, 291, 128
Cefalu, 150, 262
Stassfurt, 80, 246
Mayan, 200, 704
Peter Maersk, 0, 157
Nako Maru, 1,033, 0
Alaska, 30, 103
West Ivis, 27, 0
Santa Inez, 281, 123
Peten, 58, 4
Sixaola, 712, 248
San Antonio, 32, 68
Weser, 110, 382
Ino, 573, 66
Costa Rica, 154, 63
Istmo, 289, 77
Cbimu, 55, 195
Colombia, 178, 201
Buenaventura, 2,053, 415
Rhakotis, 54, 69
Iriona, 219, 291
Cerigo, 1,175, 0
Margaret Lykes, 805, 248
San Simeon, 376, 30
Santa Elena, 214, 19
Actor, 269, 0
Paula, 0, 274
Knute Nelson, 7½, 129
Argentina, 112, 0
Trois Ilets, 252, 56
Peten, 445, 293
President Taft, 163, 0
Belfast Maru, 578, 0
Brasil, 0, 21
Wisconsin, 704, 189
Ville de Strasbourg, 0, 85
Tai Yang, 656, 0
Contessa, 137, 893
Salvador, 201, 434
Pasajero, 0, 16½
Drechtdijk, 215, 168
Manizales, 725, 0
Santa Barbara, 382, 25
Santa Clara, 810, 612¼
Ancon, 2,168, 720
Cuba, 70, 499
Orduna, 86, 361
City of Rayville, 394, 0
San Lucas, 98, 0
Phoenicia, 1, 1,365
Elbe, 140, 96
Virgilio, 1, 207
Baarn, 156, 132
Veragua, 90, 110
Santa Rosa, 323, 153
Sanyo Maru, 760, 28
Tivivies, 483, 225
Clio, 424, 334
Munchen, 55, 184
Vancouver, 37, 371
Poseidon, 234, 2
Laurits Swenson, 418, 0
Haiti, 105, 308
Toloa, 250, 81
Tres Amigos, 1, 0
Costa Rica, 8, 702
Nuevo Panama, 85, 128
Sambu, 18, 0
Cerigo, 0, 125
Cordillera, 116, 40
Istmo, 723, 178
Veragua, 38, 325
Bordeaux Maru, 871, 0
Maruto Maru, 870, 0
Cacique, 338, 40
Arica, 1,077, 94
Grenland, 245, 1,002
Santa Maria, 163½, 169
Canadian Constructor, 25, 634
Cefalu, 69, 532
Barneveld, 118, 131
Trois Ilets, 351, 0
Lochkatrine, 78, 84
Leme, 35, 0
San Bernardino, 191, 9
Manizales, 701, 278
Guayaquil, 2,027, 613
Santa Rita, 50, 492
Quirigua, 94, 76
Metapan, 1,007, 220
San Francisco, 145, 234
Rialto, 359, 139
Ino, 419, 185
Cumbal, 0, 149
Calamares, 464, 413
Santa Paula, 210, 36
Pastores, 294, 503½
Pat Doheny, 10,040, 0
Tres Amigos, 0, 5
Chancellor, 308, 33
Niel Maersk, 625, 0
Simon Bolivar, 197, 200
Istmo, 524, 108
Scottish Chief, 12,754, 0
Ruth Lykes, 283, 333
Orbita, 58, 16
Leuna, 98, 14
Cordillera, 1, 1,015½
Durazzo, 1,226, 0
Quirigua, 11, 74
Cornwall, 0, 87
Kirishima Maru, 457, 0
Nictheroy, 130, 10
Sambu, 18, 27
Sona, 27, 45
Tuira, 47, 14
Contessa, 96, 1,164
Mosel, 82, 687
Kreta, 0, 460
Acajutla, 102, 550
Santa Lucia, 420¼, 50¼
Lobos, 14, 277
Granville, 12, 191
Hermonthis, 31, 163
Hokkai Maru, 758, 14½
Colombie, 29, 1,128
Cristobal, 3,068, 742
Nordstjernan, 0, 39
Santa Elena, 148, 43
Peten, 95, 25
Santa Barbara, 725, 42
Clio, 361, 220
Orazio, 93, 74
San Jose, 53, 131
Remuera, 89½, 0
Santa Marta, 471, 254
Nuevo Panama, 75, 91
Istmo, 496, 80
Colombia, 179¼, 663
Durazzo, 19, 314
Iriona, 423, 28
Trois Ilets, 345, 24
Cali, 1,309, 0
Simon Bolivar, 5, 585
Bronnoy, 120, 148

BALBOA

Brazos, 7,530, 0
Santa Paula, 31, 46
Scottsburg, 986, 242
Chiriqui, 400, 44
Seattle, 385, 0
Iocoma, 1,516, 0
Santa Maria, 11,500, 5
Capac, 76, 0
President Wilson, 15, 0
Santa Inez, 128, 24
California, 43, 106
Varanger, 13,441, 0
Bokuyo Maru, 63, 0
Talamanca, 591, 8
Chimu, 0, 97
Santa Elena, 232, 73
Chateau Thierry, 601, 177
Mayan, 19, 9
Tai Yang, 216, 0
Sveadrott, 78, 0
Santa Barbara, 13, 2
Steel Age, 560, 0
City of Rayville, 178, 0
Santa Clara, 27, 134
President Cleveland, 10, 4
Santa Rosa, 71, 4
Istmo, 280, 46
Antigua, 710, 31
Laurits Swenson, 987, 234
Pennsylvania, 34, 0
Santa Maria, 12, 0
R. J. Hanna, 10,202, 0
Iocoma, 1,620, 0
Barneveld, 133, 27
Republic, 925, 193
Santa Rita, 159, 40
President Monroe, 5, 10
Santa Paula, 413, 9
Niel Maersk, 146, 0
Cumbal, 0, 88
Telde, 0, 1
Grenland, 0, 15
Acajutla, 16, 0
Henderson, 14, 0
Santa Lucia, 25, 3
Oregon Maru, 142, 0
Santa Barbara, 170, 121
Santa Elena, 29, 20
Clio, 0, 287
Tricula, 2,828, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,590; embarking 1,718; at Balboa, 1,164 disembarking and 1,333 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,390, from the Pacific to the Atlantic, 3,263. Aircraft numbering 36 entered Cristobal, and 132 passengers disembarked; clearances were 34, with 144 passengers embarking; at Balboa entries of aircraft were 27, with 79 passengers disembarking; clearances, 27, with 39 passengers embarking.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight October 15, 1936, to midnight November 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Talisman [2]	15	16	Nor...	Wilhelmsen Line	Goth'burg, Swed.	Yokohama, Japan	General	5,623
Osnabruck [2]	15	16	Ger...	North German Lloyd.	Hamburg, Ger...	Valparaiso, Chile.	([14])	6,018
King Frederick	15	16	Brit...	Eagle Oil Co	Tampico, Mex...	Melbourne, Aust.	Asphalt	6,462
Petter [1] [2]	16	16	Nor...	Comp. des Chimiques de Berre.	Berre, France...	Talara, Peru	Ballast	
Heranger [2]	16	16	Nor...	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	466
Segundo [2]	16	16	Nor...	S. Holter Sorensen	New York, N. Y.	Yokohama, Japan	([15])	7,256
Steelore	16	16	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	
Steel Trader	16	16	Amer..	Isthmian S. S. Lines..	Portland, Me...	Seattle, Wash...	Steel, autos.	7,082
Roxane [1] [2]	16	16	Fr....	Pechelbronn Quest	Donges, France..	Cabo Bl'co, Peru.	Ballast	
Canada [2]	16	16	Dan...	East Asiatic Co	Copenhagen, Den.	Vancouver, B. C.	General	440
Santa Paula	16	17	Amer..	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,776
Kollgrim [1] [2]	16	16	Nor...	OddBergs&TankRed'i	S'ampton, Eng...	S. Francisco, Cal.	Ballast	
John Bakke [2]	16	16	Nor...	Knutsen Line	Belfast, Ireland..	Vancouver, B. C.	Ballast	
Loreto	14	17	Brit...	Pacific Steam Nav. Co	Hull, England...	Corral, Chile	General	4,465
Clio [2]	9	17	Neth..	Royal Neth. S. S. Co..	Cristobal, C. Z..	Guayaquil, Ecua.	General	274
Friesland [2]	16	17	Ger...	Hamburg-Amer. Line.	Boca Grande, Fla.	Yokohama, Japan	([16])	9,100
Felix Taussig	17	17	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash...	General	2,746
Swiftpool	17	17	Brit...	Pool Shipping Co	Baltimore, Md...	Vancouver, B. C.	Ballast	
Brazos [1]	15	...	Amer..	U. S. Navy	Cristobal, C. Z..	MareIsland, Calif.	Ballast	
Scottsburg [8]	16	19	Amer..	U. S. Army	Brooklyn, N. Y..	Honolulu, T. H..	General	3,193
Taybank [2]	17	17	Brit...	Bank Line	Boston, Mass...	Shanghai, China.	General	4,885
Alamar	17	17	Amer..	Calmar S. S. Corp	New York, N. Y.	Seattle, Wash...	Steel, gen...	7,295
Tatsuno Maru	17	18	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, gen.	8,024
Brazilian Reefer [2]	17	17	Dan...	J. Lauritzen	Copenhagen, Den.	Seattle, Wash...	Ballast	
Mallard [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z..	Ballast	
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	([17])	
Durazzo	17	18	Ger...	Hamburg-Amer. Line.	Pto. Colombia...	Guayaquil, Ecua.	Gen., coffee.	341
Washington Express. [2]	18	18	Nor...	Fruit Express Line	Glasgow-England	N. Westm'er, B.C.	Ballast	
Texan	17	18	Amer..	Amer.-Hawaiian Line.	Boston, Mass...	Portland, Oreg...	General	3,150
Peter Kerr	17	18	Amer..	Quaker Line	Norfolk, Va...	Portland, Oreg...	General	2,950
Mataroa	18	19	Brit...	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	8,598
Victoria City	18	18	Brit...	Mitsubishi & Co	Savannah, Ga...	Yokohama, Japan	Scrap steel..	7,790
Mahia	18	18	Brit...	Shaw, Savill & Albion	Liverpool, Eng..	Timaru, N. Z.	General	8,697
Vinland [2]	18	18	Nor...	Scand.-S. Pacific Line.	Goth'burg, Swed.	Valparaiso, Chile.	General	2,250
Parthenia	18	18	Brit...	Donaldson Brothers..	Glasgow-England	Seattle, Wash...	General	751
Istmo	17	18	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	250
Sambu [2]	17	18	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	General	26
Sona [2]	17	18	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	General	42
Tuira [2]	17	18	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	General	37
Rio de Janeiro Maru. [2]	18	19	Jap...	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	Coffee, cotton	4,341
San Benito	18	19	Pan...	United Fruit Co	Galveston, Tex..	Pto. Arm'les, R. P.	Ballast	
Bennekom	18	19	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Corral, Chile	General	4,868
Chinese Prince [2]	19	19	Brit...	Prince Line, Ltd.	New York, N. Y.	Shanghai, China.	General	3,486
Amagisan Maru [2]	19	19	Jap...	Mitsui Bussan Kaisha	Boston, Mass...	Kobe, Japan	Rosin, tin	3,005
Charles Christenson.	19	19	Amer..	Sudden & Christenson	Baltimore, Md...	Seattle, Wash...	General	2,955
Australind [2]	19	19	Brit...	Amer.-Australian Line	New York, N. Y.	Auckland, N. Z..	General	3,337
Minerva [2]	19	19	Nor...	H. M. Wrangell & Co.	Houston, Tex...	Powell Riv., B. C.	Ballast	
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	
Seattle [2]	19	21	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Vancouver, B. C.	General	6,057
Heffron	19	20	Amer..	Pac. Coast Direct Line	New York, N. Y.	Everett, Wash...	Steel, gen...	2,177
Point Chico	20	20	Amer..	Swayne & Hoyt	Galveston, Tex..	Seattle, Wash...	Sulphur, gen.	5,521
Acajutla	13	20	Brit...	Pacific Steam Nav. Co	Cristobal, C. Z..	Champ'ico, Guat.	General	705
Gylfe [1] [2]	20	20	Nor...	Eiv. Evenson	Selzete, Belgium.	Los Angeles, Cal.	Creosote	8,860
Peter Maersk [2]	20	20	Dan...	Maersk Line	Boston, Mass...	Cebu, P. I.	General	5,310
Hopetor	20	20	Brit...	Nitrate Sales Corp	Philadelphia, Pa.	Chile	Ballast	
City of Canberra.	20	21	Brit...	Amer.-Australian Line	Paulsboro, N. J..	Adelaide, Aus'lia.	General	3,667
Hawaiian	20	20	Amer..	Amer.-Hawaiian Line.	Boston, Mass...	Seattle, Wash...	General	2,458
Frank [3]	20	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Winslow [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	([17])	
Svealand [2]	21	21	Swed..	Ore S. S. Corp	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Trelissick	20	21	Brit...	Hain S. S. Corp	Albany, N. Y...	Vancouver, B. C.	Ballast	
Inapaquina [13]	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Soloy [2]	21	...	Nor...	LongIs.Mach.&Equip.	Jacksonville, Fla.	Yokohama, Japan	([18])	7,749
Greylock	21	21	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Honolulu, T. H..	Ballast	
Japanese Prince [2]	21	21	Brit...	Gulf States S. S. Co..	Tampa, Fla	Osaka, Japan	([16])	8,583
Sambu [2]	20	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Dilworth [1]	21	22	Amer..	Shell Oil Co	Albany, N. Y...	Los Angeles, Cal.	Ballast	
Marore	22	22	Amer..	Ore S. S. Corp	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	
Edward Luckenbach.	22	22	Amer..	Luckenbach Line	Boston, Mass...	Seattle, Wash...	General	3,677

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [10] Mine sweeper. [13] Motor boat. [14] General, steel, iron. [15] Scrap iron, machinery. [16] Phosphates, cotton. [17] Towing barge. [18] Scrap iron, steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Alaska	22	22	Fr.	French Line	Le Havre, France	Valparaiso, Chile.	Iron, gen.	1,041
Elwood [1]	22	22	Amer.	Shell Oil Co	Boston, Mass.	Los Angeles, Cal.	Ballast	
Felipe Jr. [5]			Amer.	F. D. Yee	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
President Wilson	23	23	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,075
Montreal Maru	22	23	Jap.	Kawasaki K. Kaisha	New York, N. Y.	Yokohama, Japan	([13])	7,618
California	23	23	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,924
Moffett, No. 362 [9]	23		Amer.	U. S. Navy	Eastcoast, U.S.A.	San Diego, Calif.	Ballast	
Fernbrook [2]	22	23	Nor.	Fern Line	Corpus Ch'ti, Tex.	Moji, Japan	([14])	7,047
Point Palmas	23	23	Amer.	Swayne & Hoyt	Mobile, Ala	Tacoma, Wash.	General	5,061
West Ivis	22	23	Amer.	McCormick S. S. Co.	Rosario, Arg.	Vancouver, B. C.	Coffee, gen.	5,015
Hoyanger [2]	23	23	Nor.	Westfal, Larsen Line	Buenos Aires, Arg.	Vancouver, B. C.	General	6,461
Santa Inez [2]	23	23	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,465
Argon [5]	23	24	Amer.	Socony Vac. Oil Co.	Key West, Fla.	Los Angeles, Cal.	Ballast	
Mansepool	23	23	Brit.	Sir. R. Ropner & Co.	Sorel, Canada	Brit. Colombia	Ballast	
K. I. Luckenbach	23	24	Amer.	Luckenbach Line	New York, N. Y.	Los Angeles, Cal.	Ballast	
San Antonio	23	24	Fr.	French Line	Le Havre, France	Vancouver, B. C.	([15])	6,443
Minnesotan	24	24	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	2,814
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-46 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-47 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
El Aleto [1] [2]	24	24	Brit.	C. T. Bowring & Co.	Ellesm'rePt., Eng.	Talara, Peru	Ballast	
Kirsten Maersk	24	24	Dan.	A. P. Moller	Pto. Mexico, Mex	Yavaros, Mexico.	Ballast	
Amerikaland [2]	24	24	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Ino [2]	23	24	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	60
Muncaster Castle [2]	24	24	Brit.	Barber Line	New York, N. Y.	Yawata, Japan	General	5,285
Enoch [3]	24		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]		
Chateau Thierry [8]	24		Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	200
Rhakotis [2]	24	25	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile.	General	6,649
Chimu [2]	24	25	Amer.	Panâma Mail S. S. Co.	New York, N. Y.	Pisco, Peru	General	2,011
Istmo	24	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	100
Ruahine	25	25	Brit.	N. Z. Shipping Co.	London, England	Bluff, N. Z.	General	5,206
Calgarolite [1] [2]	24	25	Brit.	Imperial Oil Co.	Montreal, Canada	Talara, Peru	Ballast	
Mauna Loa	25	25	Amer.	Matson Line	Baltimore, Md.	Honolulu, T. H.	General	1,547
Sorvard [2]	24	25	Nor.	Laurits Kloster	Chester, Pa	Vancouver, B. C.	Ballast	
Jacob Luckenbach	25	25	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,574
Antietam [1]	25	25	Amer.	Shell Oil Co	Albany, N. Y.	Los Angeles, Cal.	Ballast	
Leticia [3]	25	25	Pan.	A. Tagaropulos	Colon, R. P.	Chitre, R. P.	Ballast	
Herman Frasch	25	25	Amer.	Union Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	6,350
Sambu [2]	24		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Maria Cristina [3]	25	25	Pan.	A. Tagaropulos	Colon, R. P.	Real, R. P.	General	2
M-211 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Argentina [2]	25	26	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	3,838
San Simeon	25	26	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	3,185
San Blas	25	26	Pan.	United Fruit Co.	Galveston, Tex.	Pto. Arm'les, R. P.	Ballast	
Paula	25	26	Dan.	West Coast Line	Jacksonville, Fla.	Valparaiso, Chile.	General	1,254
Lake Osweya [2]	25	26	Amer.	Ford Motor Co	Chester, Pa	Richmond, Calif.	Auto. parts	2,125
Pacific Exporter [2]	26	26	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	856
Darlington Court [2]	26	26	Brit.	Anglo-Can. Ship. Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	
Mayan	20	26	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	649
Cali	17	26	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	516
Ville de Strasbourg.	26	26	Fr.	Messageries Marit'es.	Marseilles, France	Papeete, Soc. Is.	General	1,378
Kiyosumi Maru [2]	26	27	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([17])	5,021
Endicott	27	27	Amer.	Amer.-Gulf Orient Line	New Orleans, La.	Manila, P. I.	([18])	5,229
Llanishen	27	27	Brit.	Seaboard Ship. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	
Dallas City [2]	27	27	Brit.	Reardon-Smith Line	Corpus Ch'ti, Tex.	Yokohama, Japan	Lead, cotton.	9,080
Montanan	27	27	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Seattle, Wash.	General	2,427
Willkeno	27	27	Amer.	Amer.-Hawaiian Line	N. London, Conn.	Tacoma, Wash.	General	6,069
Trois Ilets	25	27	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	43
Steel Age	27	29	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hawaiian Islands	Steel	500
Harpagon	28	28	Brit.	Anglo-Can. Ship. Co.	Montreal, Canada	Estevan, B. C.	Ballast	
President Cleveland.	29	30	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	General	3,278
Drechtdijk [2]	28	30	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	3,099
Andino [1]	28		Brit.	Lago Shipping Co.	Aruba, D. W. I.	Balboa, C. Z.	Drydocking	
Minowo Maru [2]	29	31	Jap.	Kyodo Gyogyo Kaisha	Vera Cruz, Mex.	Manzanillo, Mex.	Fish	3
Santa Clara	28	29	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,579
Robert Luckenbach.	29	29	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,337
Rangitata [2]	29	30	Brit.	N. Z. Shipping Co	London, England	Auckland, N. Z.	General	5,677
Manizales	28	29	Ger.	North German Lloyd.	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Orduna	29	29	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	2,170
Winslow [5]			Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge.	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	
San Lucas	29	30	Amer.	Pac.-Atlantic S. S. Co.	Philadelphia, Pa	Portland, Oreg.	Gen., autos.	4,697
Rugeley [2]	29	30	Brit.	Cunard Line	Montreal, Canada	Melbourne, Aust.	Paper	5,400
Lycia [2]	30	31	Brit.	Texas Gulf Sulph. Co.	Galveston, Tex.	Adelaide, Aus'lia.	Sulphur	4,200

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarines. [8] Transport. [9] Destroyer. [13] Phosphates, cotton, general. [14] Cotton, lead, zinc. [15] Sand, coke, iron, coffee, general. [16] For bananas and return to Cristobal. [17] Cotton, tobacco, etc. [18] Cotton, scrap, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Elbe [2]	29	30	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	7,527
Timber Rush	30	30	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	5,711
Santa Rosa	30	31	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,504
No. 31001 [13]	30	...	Pan.	P. W. Hamilton	Gatun, C. Z.	Cristobal, C. Z.	Ballast	.....
C. Z. No. 2849 [13]	30	...	Pan.	P. W. Hamilton	Gatun, C. Z.	Cristobal, C. Z.	Ballast	.....
Parracombe	30	31	Brit.	Mersey Paper Co.	Liverpool, Eng.	Melbourne, Aust.	Paper	4,138
Eastern Glade	30	31	Amer.	Bulk Carriers Corp.	New York, N. Y.	Portland, Oreg.	Ballast	.....
Brynje [2]	30	31	Nor.	Canadian Transp. Co.	Mobile, Ala.	Victoria, B. C.	Sulphur, gen.	5,053
Gausdal [2]	30	31	Nor.	Mitsubishi Co.	New York, N. Y.	Yawata, Japan	Scrap iron	7,874
Corrientes	31	31	Brit.	Donaldson Line	Glasgow-England	N. West'er, B. C.	General	774
Texmar	31	31	Amer.	Calmar S. S. Corp.	New York, N. Y.	Seattle, Wash.	Steel, gen.	6,919
American	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,847
Adderstone	30	1	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Clio [2]	30	31	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	309
Skipsea [2]	31	31	Brit.	Sea S. S. Co.	Texas City, Tex.	Japan	Scrap iron	8,651
Munchen [2]	31	1	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,966
City of Dalhart [2]	31	1	Amer.	Roosevelt S. S. Line	New York, N. Y.	Adelaide, Aust'lia	General	2,037
Memphis City	1	1	Amer.	Isthmian S. S. Lines	Portland, Me.	Vancouver, B. C.	General	6,892
Silverelm [2]	1	1	Brit.	Kerr S. S. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Laurits Swenson [2]	31	2	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	2,418
Cerigo	31	1	Ger.	Hamburg-Amer. Line.	Pto. Colombia	B'ventura, Col.	([14])	426
Caithness [2]	1	1	Brit.	Canadian Transp. Co.	Antwerp, Belgium	Vancouver, B. C.	Ballast	.....
Nuevo Panama [2]	31	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	112
City of Salisbury	1	2	Brit.	Ellerman & Bucknall	Montreal, Canada	Taku Bar, China.	General	7,500
Sambu	31	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Point Judith	1	2	Amer.	Gulf-Pacific Line	Corpus Ch'ti, Tex.	Seattle, Wash.	General	2,805
Jersey [2]	1	2	Brit.	Nolisement S. S. Co.	Sunderland, Eng.	Vancouver, B. C.	Ballast	.....
Golden Harvest	1	2	Amer.	Isthmian S. S. Lines	Baltimore, Md.	S. Francisco, Cal.	([15])	5,187
Marian Otis Chandler.	1	2	Amer.	Matson Line	New York, N. Y.	Honolulu, T. H.	Steel, gen.	1,713
Argual	1	2	Hond.	United Fruit Co.	Galveston, Tex.	Pto. Arm'les, R. P.	Ballast	.....
Athelbeach [1] [2]	1	2	Brit.	United Molasses Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
West Cape	2	2	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,449
Nankai Maru [2]	2	2	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	([16])	6,544
Southgate	2	2	Brit.	Chilean Nit. Corp.	Newp't News, Va.	Iquique, Chile	Ballast	.....
Istmo	1	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	200
Salvador	27	2	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	433
Pereira	2	2	Pan.	Elliot Ship. & Land Co.	Manaure, Colom.	Tumaco, Colom.	Salt	1,050
Fernhill [2]	2	2	Nor.	Isbrandtsen Moller	Baltimore, Md.	Manila, P. I.	([16])	4,015
Enoch [3]	2	...	Pan.	E. J. Hooper	Colon, R. P.	Gatun, C. Z. [17]	.....	.....
Haxby	2	3	Brit.	Ropner Ship. Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	.....
Rotula [1]	2	3	Neth.	La Corona S. S. Co.	Hull, England	Los Angeles, Cal.	Ballast	.....
Lillian Luckenbach.	2	3	Amer.	Luckenbach Line	New York, N. Y.	Seattle, Wash.	Ballast	.....
Chr. Knudsen [2]	3	3	Nor.	Anglo-Can. S. S. Co.	St. John, N. B.	Los Angeles, Cal.	Ballast	.....
Waynegate	2	3	Brit.	Chilean Nit. Corp.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Nebraskan	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,273
R. J. Hanna [1]	3	6	Amer.	Socony Vac. Oil Co.	Aruba, D. W. I.	Los Angeles, Cal.	Fuel oil	10,202
Sambu [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Enoch [3]	4	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	.....
Barneveld	3	5	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	5,077
Geddington Court	3	4	Brit.	Canadian Transp. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Athelfoam [1] [2]	4	4	Brit.	Socony Vac. Oil Co.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Gaelic Star	4	4	Brit.	Blue Star Line	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Alnmoor	4	4	Brit.	Chilean Nit. Corp.	Norfolk, Va.	Ant'fagasta, Chile	Ballast	.....
Pomona	4	4	Amer.	Pac. Coast Direct Line	New York, N. Y.	S. Francisco, Cal.	General	3,652
Pan Europe [1] [2]	4	4	Nor.	Huasteca Pet. Co.	Oslo, Norway	Talara, Peru	Ballast	.....
Snestad [2]	4	5	Nor.	Fern Line	ThreeRivers, Can.	Sydney, Aust'lia.	Newsprint	4,203
San Bernardino	4	5	Amer.	Pac.-Atlantic S. S. Co	Albany, N. Y.	Seattle, Wash.	General	2,378
Leme [2]	4	6	Ital.	Nav. Libera-Triestina	Trieste, Italy	Vancouver, B. C.	General	1,457
Trois Ilets	3	5	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	.....
Noegh Carrier [2]	5	5	Nor.	Kawasaki K. Kaisha	Pt. Tampa, Fla.	Yokohama, Japan	Cotton, gen.	6,878
Skramstad [2]	5	5	Nor.	Fern Line	Pt. Tampa, Fla.	Japan	General	6,621
Southern Sun [1] [2]	5	5	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Chilore	5	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Maria Cristina [3]	5	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	General	2
President Monroe	6	6	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	2,740
Glenmoor [2]	5	6	Brit.	W. Runciman & Co.	Antwerp, Belgium	Los Angeles, Cal.	Coke	1,968
Norfolk	6	6	Brit.	FederalSteamNav.Co.	Newport, England	Bluff, N. Z.	General	12,665
Republic [8]	5	7	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,689
Santa Rita [2]	6	6	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,151
Irisbank [2]	6	6	Brit.	Bank Line, Ltd.	Baltimore, Md.	Coos Bay, B. C.	Ballast	.....
Tekoa	6	7	Brit.	N. Z. Shipping Co.	Montreal, Canada	Dunedin, N. Z.	General	5,570
Kentuckian	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	1,431
Noshiro Maru [2]	6	7	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Gen., tinplate	6,630
Golden Horn	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
Ethan Allen	7	7	Amer.	Lykes Bros.-Ripley	Tampa, Fla.	Manila, P. I.	Cotton, gen.	9,712

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [13] Barge. [14] General, beer, lard. [15] Steel, machinery, general. [16] General, scrap iron. [17] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
President de Vogue.[1] [2]	7	7	Nor...	Comp.des Prod.Chem. et Raff. de Berre.	Pt.deBouc,France	Talara, Peru....	Ballast....	.....
Leticia[3]	5	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast....	.....
Manizales	5	7	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General....	.....
Baron Haig	7	7	Brit...	H. Hogarth & Sons...	Boston, Mass...	Chile.....	Ballast....	.....
Punta Arenas	7	7	Chile..	Chile.-N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	General....	2,855
Edwin Christenson.	7	7	Amer..	Sudden & Christenson	Baltimore, Md...	Seattle, Wash...	General....	6,604
Frank[3]	7	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast....	.....
Cumbal[2]	6	8	Amer..	Grace Line.....	New York, N. Y.	Pisco, Peru.....	General....	1,216
William J. Duane[13]	7	11	Amer..	U. S. Navy.....	Philadelphia, Pa.	Honolulu, T. H..	Ballast....	.....
Ino[2]	6	8	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General....	167
El Ciervo[1]	8	9	Brit...	C. T. Bowring & Co..	Terdonck, Belg..	Cabo Bl'co, Peru.	Ballast....	.....
Kassandra Louloudis.	8	8	Greek.	Goulandris Brothers..	New York, N. Y.	Williamsh'd, B. C	Ballast....	.....
Istmo	7	8	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General....	250
Ingerseks	8	8	Nor...	Jacob K. Lode A/S...	Norfolk, Va.....	Tocopilla, Chile..	Ballast....	.....
Col. Riche[5]	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....
Quarrington Court	9	9	Brit...	Canadian Transp. Co.	Tyne, England..	Vancouver, B. C.	Ballast....	.....
S-45[7]	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast....	.....
District of Columbia.[1]	9	9	Amer..	Standard Oil of Calif.	Tiverton, R. I...	S. Francisco, Cal.	Ballast....	.....
Telde	9	9	Hond..	United Fruit Co.....	Galveston, Tex..	Pto. Arm'les, R. P.	Ballast....	.....
Lenna	8	9	Ger...	North German Lloyd.	Hamburg, Ger..	San Jose de Guat.	General....	5,292
Senator[1] [2]	9	9	Nor...	Stavanger Tankrederi	Montreal, Canada	Talara, Peru....	Ballast....	.....
Bolton Hall	9	9	Brit...	Canadian Transp. Co.	Barry, England..	Vancouver, B. C.	Ballast....	.....
Oliva	3	9	Ger...	Hamburg-Amer. Line.	New Orleans, La.	Moji, Japan.....	Cotton, gen.	5,884
Grenland	2	9	Nor...	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General....	997
Cornwall	9	9	Brit...	Federal Steam Nav. Co.	Liverpool, Eng..	Brisbane, Aus'lia.	General....	5,421
Motor Sailer	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast....	.....
Penelope[1] [2]	9	10	Pan...	Waried Tankschiff...	Caripito, Venez..	Tocopilla, Chile..	Fuel oil....	12,607
S-43[7]	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast....	.....
Atheltemplar[1] [2]	10	10	Brit...	United Molasses Co..	Falmouth, Eng..	Los Angeles, Cal.	Ballast....	.....
Berganger[2]	10	10	Nor...	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General....	576
Archangelos	10	10	Greek.	Theofano Marit. Co..	Albany, N. Y...	P. Chicama, Peru	Ballast....	.....
Athellaird[1] [2]	10	10	Brit...	United Molasses Co..	Rotterdam, Neth.	Los Angeles, Cal.	Ballast....	.....
San Amado[1] [2]	10	10	Brit...	Eagle Oil & Ship. Co.	S'ampton, Eng..	Los Angeles, Cal.	Ballast....	.....
R-3[7]	10	...	Peru..	Peruvian Government	Philadelphia, Pa.	Callao, Peru.....	Ballast....	.....
R-4[7]	10	...	Peru..	Peruvian Government	Philadelphia, Pa.	Callao, Peru.....	Ballast....	.....
Iocoma[1]	10	11	Brit...	Tropical Oil Co.....	Barranquilla, Col.	B'ventura, Col...	Gasoline....	1,808
Nictheroy	10	10	Brit...	Royal Mail Lines, Ltd.	Rotterdam, Neth.	Vancouver, B. C.	General....	1,991
Col. Riche[5]	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast....	.....
Bonnington Court[2]	10	11	Brit...	Canadian Transp. Co.	Sydney, C. B....	Vancouver, B. C.	General....	7,557
Tai Yin[2]	10	11	Nor...	Barber Line.....	Pt. Tampa, Fla..	Osaka, Japan....	([14])	8,160
Pacific Shipper[2]	11	12	Brit...	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General....	870
Steel Traveler	11	11	Amer..	Isthmian S. S. Lines..	Philadelphia, Pa.	Penang, Str. Sett.	([15])	7,488
Lebore	11	11	Amer..	Bethlehem S. S. Co..	Baltimore, Md...	Cruz Gr'de, Chile	Ballast....	.....
Leiv Eiriksson[1] [2]	10	11	Nor...	T. Dannevig & Co...	Bre'erhaven, Ger.	Vancouver, B. C.	Ballast....	.....
Oregon Express[2]	10	11	Nor...	United Fruit Co.....	Genoa, Italy....	Los Angeles, Cal.	Ballast....	.....
Sambu[2]	10	11	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Chitre, R. P.....	General....	25
Tuira[2]	10	11	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Chitre, R. P.....	General....	16
Sona[2]	10	11	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Chitre, R. P.....	General....	45
Ionic Star	11	12	Brit...	Blue Star Line.....	Newcastle, Eng..	Vancouver, B. C.	Ballast....	.....
African Reefer[2]	11	12	Dan...	J. Lauritzen.....	Haifa, Palestine..	Vancouver, B. C.	Ballast....	.....
Lobos[2]	11	12	Brit...	Pacific Steam Nav. Co	Hull, England...	Valparaiso, Chile.	General....	2,848
Hermonthis[2]	12	12	Ger...	Hamburg-Amer. Line.	Hamburg, Ger..	Corral, Chile....	General....	5,428
Gudenaa	12	12	Dan...	S. S. Owners Oper. Co.	New York, N. Y.	Top'bampo, Mex.	Ballast....	.....
Enoch[3]	12	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.[16]..	.....	.....
Port Bowen	12	13	Brit...	Port Line.....	London, England	Sydney, Aus'lia..	Gen., paper.	6,238
Tilthorn	13	13	Nor...	Anglo-Can. S. S. Co..	Baltimore, Md...	Williamsh'd, B. C	Ballast....	.....
Leticia[3]	10	13	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Real, R. P.....	Ballast....	.....
Inapaquina[2]	12	13	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Real, R. P.....	Ballast....	.....
Martin Bakke[2]	12	13	Nor...	Knutsen Line.....	Rotterdam, Neth.	Vancouver, B. C.	([17])	.....
Santa Elena	13	14	Amer..	Grace Line.....	New York, N. Y.	S. Francisco, Cal.	General....	340
Santa Barbara[2]	13	14	Amer..	Grace Line.....	New York, N. Y.	Talcahuano, Chile	General....	1,709
Maria Cristina[3]	13	13	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Darien, R. P....	General....	3
Orazio[2]	13	14	Ital...	Societa Italia.....	Genoa, Italy....	Valparaiso, Chile.	General....	409
Clio[2]	13	15	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General....	287
Durazzo	13	15	Ger...	Hamburg-Amer. Line.	Pto. Colombia...	Guayaquil, Ecua.	General....	615
Istmo	14	15	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General....	200
Tricula[1] [2]	14	...	Brit...	Shell Oil Co.....	Curacao, D. W. I.	S. Francisco, Cal.	Fuel oil....	8,822
Montrolite[1] [2]	15	15	Brit...	Imperial Oil Co.....	Halifax, N. S...	Talara, Peru....	Ballast....	.....
Eli[2]	15	15	Nor...	Anglo-Can. S. S. Co..	Philadelphia, Pa.	Williamsh'd, B. C	Ballast....	.....
Akaroa	15	16	Brit...	Shaw, Savill & Albion	London, England	Lyttleton, N. Z..	General....	5,250
Adrastus	15	15	Brit...	Alfred Holt & Co....	New Orleans, La.	Hongkong, China	General....	5,250
Nuevo Panama[2]	14	15	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	General....	97

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [13] Coast guard. [14] Phosphate, cotton. [15] Steel, autos, general. [16] For bananas and return to Cristobal. [17] Ballast, passengers only.

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
American Oriole..	14	16	Amer..	Puget Sd. Assn. Mills.	Tacoma, Wash..	New York, N. Y.	Lumber.....	7,600
Margaret Johnson.[2]	16	16	Swed..	Johnson Line.....	Tacoma, Wash..	Stockholm, Swed.	Barley, gen..	5,200
Tudor Star.....	16	17	Brit...	Blue Star Line.....	N.Westm'er,B.C.	London, England	Frozen, gen.	5,547
Tercero[2].....	15	16	Nor...	Wessel, Duval & Co..	Iquique, Chile...	Savannah, Ga...	Nitrates....	7,560
San Ambrosio[1 2].	16	16	Brit...	Shell Oil Co.....	S. Francisco, Cal.	Curacao, D. W. I.	Gasoline....	10,559
Hanover.....	16	16	Amer..	Lykes Bros.-Ripley...	Los Angeles, Cal.	New Orleans, La.	([13])	8,733
Telde.....	16	16	Hond..	United Fruit Co.....	Pto.Arm'les,R.P.	Mobile, Ala....	Bananas....	850
Sonnavind[2].....	16	17	Nor...	Kawasaki K. Kaisha..	Shanghai, China.	Baltimore, Md...	Silk, gen....	3,865
Californian[2].....	16	17	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	10,504
Sona[2].....	17	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	35
Kongo Maru[2]....	16	17	Jap...	Kokusai Kisen Kaisha	Manila, P. I.....	New York, N. Y.	General.....	6,900
Hokuroku Maru[2].	16	18	Jap...	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md...	General.....	5,605
Pecten[1 2].....	16	17	Brit...	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D. W. I.	Kerosene dis.	10,137
W. R. Keever.....	16	17	Amer..	Dutton Lumber Corp.	Everett, Wash...	Camden, N. J...	Lumber.....	7,035
Nurnberg[2].....	17	18	Ger...	North German Lloyd.	Corral, Chile....	Hamburg, Ger...	General.....	6,771
Haugarland.....	17	17	Nor...	Anglo-Can. Ship. Co..	Vancouver, B. C.	London, England	Wheat, lum..	9,646
Birmingham City.	17	18	Amer..	Isthmian S. S. Lines..	Pt. Allen, T. H...	Baltimore, Md...	Sugar, gen..	7,954
Cali.....	17	26	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	1,198
Istmo.....	17	18	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	240
Panaman.....	17	17	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,785
Sambu[2].....	16	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	24
Tuira[2].....	17	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	59
Point Gorda.....	17	17	Amer..	Gulf-Pacific Line.....	Tacoma, Wash..	Panama City, Fla.	Lumber, gen.	4,265
Dagfred[2].....	17	19	Nor...	Isbrandtsen Moller Co.	Cebu, P. I.....	Savannah, Ga...	General.....	4,617
San Vincente.....	17	18	Amer..	Quaker Line.....	S. Francisco, Cal.	Philadelphia, Pa.	General.....	7,750
Harpoon.....	17	18	Amer..	Shepard S. S. Co.....	Seattle, Wash...	Albany, N. Y....	Lumber, gen.	8,761
Losmar.....	17	18	Amer..	Calmar Line.....	Los Angeles, Cal.	Baltimore, Md...	Lumber,steel	7,459
Stirling[2].....	18	18	Brit...	Anglo-Can. Ship. Co..	Vancouver, B. C.	London, England	Lumber, gen.	8,450
Nyhaug[2].....	18	18	Nor...	Polarus S. S. Co.....	N.Westm'er,B.C.	Houston, Tex....	Sul.ammonia	6,354
Romney.....	18	18	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lum., wheat	9,326
Ferm[1 2].....	18	18	Nor...	Standard Oil of N. J.	El Segundo, Calif.	Hamburg, Ger...	Diesel oil...	9,448
Oakmar.....	18	18	Amer..	Calmar S. S. Corp...	Seattle, Wash...	Baltimore, Md...	Lum., copper	7,408
August.....	18	19	Nor...	Nitrate Corp. of Chile	Ant'fagasta, Chile	Azores[14].....	Nit. of soda.	8,500
Pacific.....	18	19	Amer..	Weyerhaeuser S. S. Co	Portland, Oreg...	Baltimore, Md...	Lumber pulp	8,273
Cumbal[2].....	19	19	Amer..	Grace Line.....	Pisco, Peru.....	New York, N. Y.	General.....	2,617
Temple Bar.....	18	19	Brit...	Nitrate Corp. of Chile	Iquique, Chile...	Azores[14].....	Nit. of soda.	7,713
San Gabriel.....	18	19	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	6,183
Garoufalia.....	18	19	Greek.	SeaboardLum.SalesCo	Victoria, B. C...	New York, N. Y.	Lumber.....	6,560
District of Columbia.[1]	19	19	Amer..	Standard Oil of Calif.	Richmond, Calif.	Tiverton, R. I...	Furnace oil..	9,653
Queen Olga.....	19	19	Brit...	Canadian Transp. Co.	S. Francisco, Cal.	Leith, Scotland..	Barley, lum.	6,870
Imperial Valley...	19	19	Brit...	Seaboard Ship. Co....	Port Alberni, B.C.	S'ampton, Eng..	Tim., wheat.	7,450
William A. McKenney.	19	19	Amer..	McCormick S. S. Co.	Portland, Oreg...	Philadelphia, Pa.	Gen., lumber	7,582
L-41[5].....	19	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Virginia.....	19	20	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General.....	7,891
Mayan.....	20	26	Amer..	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	General.....	197
Delftdijk[2].....	19	21	Neth..	Holland-Amer. Line..	Victoria, B. C...	Rotterdam, Neth.	Gen., wheat.	10,349
Aldington Court[2].	20	20	Brit...	Canadian Transp. Co.	Port Alberni, B.C.	Montreal, Canada	Lumber, gen.	6,829
Walter A. Luckenbach.	20	20	Amer..	Luckenbach Line....	S. Francisco, Cal.	Boston, Mass....	General.....	8,762
Santa Rita[2].....	20	20	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N. Y.	General.....	2,368
Pan Aruba[1 2]...	20	20	Nor...	Huasteca Pet. Co....	Talara, Peru....	Aruba, D. W. I..	Gasoline,pet.	13,748
Stassfurt.....	20	21	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General.....	8,451
Sambu[2].....	20	21	Pan...	Elliot Ship. & Land Co.	Bayano, R. P....	Cristobal, C. Z..	Bananas....	21
Eugenie Livanos..	20	21	Greek.	Gildemeister & Co...	P. Chicama, Peru	Greenock, Scot..	Sugar.....	8,800
Maria Cristina[2]..	20	25	Pan...	A. Tagaropulos.....	Darien, R. P....	Cristobal, C. Z..	([15])	9
Moldanger[2].....	20	21	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen..	7,600
Nako Maru[2].....	21	21	Jap...	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md...	General.....	5,239
Jane Christenson.	19	21	Amer..	Arrow Line.....	S. Bend, Wash...	Baltimore, Md...	Lumber.....	7,512
Georgian.....	22	22	Amer..	Williams S. S. Co....	S. Francisco, Cal.	Boston, Mass....	Lumber, gen.	8,400
Lapwing[4].....	22	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Willmoto[2].....	22	22	Amer..	Williams S. S. Co....	Seattle, Wash...	Bridgeport.Conn.	Lumber, gen.	7,610
Sylvafield[1 2]....	22	23	Brit...	Standard Oil of N. J..	Talara, Peru....	S'ampton, Eng..	Crude oil...	7,859
Lebore.....	23	23	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,500
Silverwillow[2].....	22	23	Brit...	Kerr S. S. Co.....	Belawan, Sum'tra	Calcutta, India..	General.....	7,851
El Oso[1].....	22	23	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru.	Ellesm're Pt., Eng.	Crude oil...	9,976
Weser[2].....	23	24	Ger...	North German Lloyd.	Vancouver, B. C.	Bremen, Germany	General.....	7,999
San Benito.....	23	23	Pan...	United Fruit Co.....	Pto.Arm'les,R.P.	Mobile, Ala.....	Bananas....	650
Ino[2].....	23	24	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	520
Wisconsin.....	23	23	Amer..	Bulk Carriers Corp...	Portland, Oreg...	Galveston, Tex..	Wheat.....	8,473
Florence Luckenbach.	23	23	Amer..	Luckenbach-Gulf Co.	S. Francisco, Cal.	Mobile, Ala.....	General.....	7,986
Roxane[1 2].....	23	23	Fr....	Pechelbronn.....	Cabo Bl'co, Peru.	Donges, France..	Crude oil...	11,084
Eskdalegate.....	23	24	Brit...	Andrew Weir & Co...	Suva, Fiji Islands	United Kingdom.	Sugar.....	7,004
Den Haag[1 2]....	23	24	Neth..	International Co.....	S. Francisco, Cal.	Drixham, Eng...	Gasoline....	11,143
Azumasan Maru[2].	24	24	Jap...	Mitsui Bussan Kaisha	Manila, P. I.....	Baltimore, Md...	General.....	6,663
Artemisia.....	24	24	Brit...	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	London, England	Lumber, lead	9,400
Inapaquina[2].....	24	...	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	47
Istmo.....	24	25	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	262

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] Copra, sugar, hemp. [14] For orders. [15] Plaintains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cerigo	24	26	Ger	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,090
Sambu [2]	24	25	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Atlantic City	25	25	Brit	Seaboard Ship. Co	Vancouver, B. C.	London, England	Grain, lum.	8,429
Trois Ilets	25	27	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	([13])	229
Sinnington Court	25	25	Brit	Seaboard Ship. Co	Vancouver, B. C.	Birkenhead, Eng.	Wheat, lum.	9,701
Zephyros	25	25	Greek	Anglo-Can. Ship. Co.	Brit. Col. ports	Bristol channel	Wheat, lum.	6,597
Franz Klasen [1] [2]	25	25	Pan	W. Tankschiff Rhed'i.	Talara, Peru	Rotterdam, Neth.	([14])	16,947
Santa Elena	25	26	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,572
Golden State	25	26	Amer.	Matson Line	Port Allen, T. H.	N. of Hatteras	Sugar	7,858
Knute Nelson [2]	25	26	Nor	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,084
President Taft	26	26	Amer.	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,681
Belfast Maru	25	26	Jap	Kawasaki S. S. Co	Kobe, Japan	New York, N. Y.	General	2,830
Petter [1] [2]	25	26	Nor	Cie. des Chimiques de Berre.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	14,644
Brasil [2]	25	26	Swed	Johnson Line	Tacoma, Wash.	Stockholm, Swed.	Grain, fruit.	5,406
Welcombe	25	26	Brit	Andrew Weir & Co.	Townsville, Aus'a	Montreal, Canada	Sugar	7,765
Norman Star	26	26	Brit	Blue Star Line	Seattle, Wash.	Buenos Aires, Arg.	Frozen fruit.	3,807
Ensley City	26	26	Amer.	Isthmian S. S. Lines	Port Allen, T. H.	Baltimore, Md.	Sugar, gen.	7,977
Eglantine	26	27	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New York, N. Y.	Gen., lumber	8,057
Paul Luckenbach	26	26	Amer.	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General	9,103
Wisconsin	26	27	Fr	French Line	Vancouver, B. C.	Havre, France	General	6,864
Kansan	26	26	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,404
Europa [2]	27	27	Dan	East Asiatic Co.	Vancouver, B. C.	Stockholm, Swed.	Lumber, gen.	9,283
Amasis	26	27	Ger	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	8,732
Salvador	27	2	Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	201
Tai Yang [2]	26	28	Nor	Barber-Wilhelmsen	Davao, P. I.	New York, N. Y.	General	4,482
Missourian [2]	27	27	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	10,580
Pacific Ranger [2]	27	27	Brit	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scotland	General	8,048
Anniston City	27	28	Amer.	Isthmian S. S. Lines	Vancouver, B. C.	Liverpool, Eng.	General	7,215
Tamaroa	28	28	Brit	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	4,730
Genota [1] [2]	28	28	Neth	Asiatic Pet. Co	S. Francisco, Cal.	LandsEnd, Eng. [15]	Gasoline	11,124
Gregalia	28	28	Brit	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	6,265
Ilissos	28	28	Greek	Geldemeister Co	P. Chicama, Peru	LandsEnd, Eng. [15]	Sugar	7,680
Chateau Thierry [3]	25	29	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	38
Santa Barbara [2]	28	28	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	Copper, gen.	4,056
Manizales	28	29	Ger	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	659
Point Arena	28	28	Amer.	Swayne & Hoyt	Los Angeles, Cal.	New Orleans, La.	General	3,622
Sveadrott [2]	27	28	Swed	Stockholm Rederi A/B	Valparaiso, Chile.	Antwerp, Belgium	General	7,432
Bradglen	28	28	Brit	Leeds Shipping Co	Seattle, Wash.	Cardiff, Wales	General	7,737
Peebles [2]	28	29	Brit	Seaboard Ship. Co	Brit. Col. ports	London, England	Wheat, lum.	8,600
Borgestad [2]	28	29	Nor	Canadian Transp. Co.	Victoria, B. C.	Garston, England	Lumber	6,000
Alexia [1] [2]	28	29	Brit	Anglo-Saxon Pet. Co	Los Angeles, Cal.	Gibraltar [15]	([16])	11,186
Baarn	29	30	Neth	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	8,328
Dakotan	29	29	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	General	8,516
Andrea F. Luckenbach.	29	29	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	General	11,768
Point Salinas	29	29	Amer.	Swayne & Hoyt	S. Francisco, Cal.	Lake Charles, La.	General	6,396
City of Rayville [2]	29	30	Amer.	Roosevelt S. S. Co	Sabang, P. I.	Baltimore, Md.	Sugar, gen.	6,462
Phoenicia [2]	29	31	Ger	Hamburg-Amer. Line.	Acajutla, Sal'dor.	Hamburg, Ger.	Coffee, honey	135
Virgilio [2]	29	30	Ital	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	3,653
Canadian Reefer [2]	29	29	Dan	J. Lauritzen	Portland, Oreg.	Haifa, Palestine	Fruit	1,590
Vestvard [2]	29	30	Nor	Lauritz Kloster	Ocean Island	Rotterdam, Neth.	Phosphates	7,300
Maria Cristina [2]	30	5	Pan	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Plantains	5
San Blas	30	30	Pan	United Fruit Co	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	780
Clio [2]	30	31	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	384
Flomar	30	30	Amer.	Calmar S. S. Corp	Aberdeen, Wash.	New York, N. Y.	Lumber	7,600
Sanyo Maru [2]	30	30	Jap	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	5,689
Frank [2]	30	7	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Ballast	
Vancouver	31	31	Ger	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Wheat, gen.	8,003
Pennsylvania	30	31	Amer.	States S. S. Co	S. Francisco, Cal.	Albany, N. Y.	General	7,291
Poseidon	31	31	Ger	F. Laeisz G. m. b. H.	Magallanes, Chile	Dunkerque, Fr.	General	8,851
Nuevo Panama [2]	31	1	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	102
Calliope [1] [2]	31	31	Pan	Standard Ship. Co	Talara, Peru	Fawley, England.	Crude oil	11,700
Point Caleta	31	31	Amer.	Gulf-Pacific Line	Los Angeles, Cal.	Panama City, Fla.	General	7,689
Hadleigh	31	31	Brit	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng.	Lum., grain	9,390
Sambu [2]	31	1	Pan	Elliot Ship. & Land Co	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Bethore	1	1	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Trontolite [1] [2]	31	1	Brit	Imperial Oil Co	Talara, Peru	Montreal, Canada	Gasoline	7,521
Calgarolite [1] [2]	1	1	Brit	Imperial Oil Co	Talara, Peru	Halifax, N. S.	Crude oil	16,540
Istmo	31	2	Pan	Elliot Ship. & Land Co	B'ventura, Col.	Cristobal, C. Z.	([17])	645
Sessa	31	1	Dan	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	General	2,544
Golden Kauri	31	1	Amer.	Matson Line	Hilo, T. H.	Philadelphia, Pa.	General	8,176
Monkleigh	31	1	Brit	Seaboard Ship. Co	Vancouver, B. C.	Liverpool, Eng.	Wheat, lum.	8,906
Mount Cynthos	1	1	Greek	Rethy'nis Kulukundis	Vancouver, B. C.	London, England	([18])	7,150
Lancaster	1	1	Amer.	Weyerhaeuser S. S. Co	Portland, Oreg.	Norfolk, Va.	Lumber, gen.	8,479
Columbian	1	1	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,058
Leticia [2]	1	7	Pan	A. Tagaropulos	Pedregal, R. P.	Cristobal, C. Z.	Cows, salt	20
Bastidas	7	-26	Colom.	Colombian Governm't	B'ventura, Col.	Barranquilla, Col.	Tug	
El Aleto [1] [2]	1	1	Brit	C. T. Bowring & Co.	Talara, Peru	Antwerp, Belgium	Crude oil	9,969
Appledore	1	1	Brit	Seaboard Ship. Co	Vancouver, B. C.	London, England	Wheat, lum	9,169

[1] Tanker. [2] Motor ship. [3] Transport. [13] Coffee, ivory nuts. [14] Gasoline, gas oil. [15] For orders. [16] Gasoline, kerosene. [17] Coffee, motors. [18] Wheat, lumber, fruit.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Jeep [2]	1	...	Amer.	George Lowe	Balboa, C. Z.	Miraflores Lake	Ballast	.....
Bordeaux Maru	1	3	Jap.	Kawasaki K. Kaisha	Kobe, Japan	Baltimore, Md.	General	4,199
Embassage	1	2	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	Wheat, tim.	8,625
Arica	1	4	Fr.	French Line	Talcahuano, Chile	Havre, France	General	8,501
Tosca [2]	2	2	Nor.	Knut Knutsen O.A.S.	San Antonio, Chile	Oslo, Norway	General	7,040
Carolinian	2	2	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	7,431
Taranger [2]	2	2	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	7,083
Cacique	2	3	Amer.	Grace Line	Pacasmayo, Peru.	New York, N. Y.	General	2,362
Naruto Maru [2]	2	3	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,330
Warkworth	2	2	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, tim.	7,237
Forbes Hauptman	2	2	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	7,875
Grenland	2	9	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	235
West Cactus	2	2	Amer.	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	General	6,485
Pennsylvania	2	3	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,211
Baltic [1] [2]	2	3	Pan.	Standard Oil of N. J.	Talara, Peru	Havre, France	Crude oil	12,611
Steel Mariner	2	3	Amer.	Isthmian S. S. Lines.	Port Allen, T. H.	Baltimore, Md.	Sugar, gen.	8,223
Barbara Cates	2	3	Amer.	Sudden & Christenson	Seattle, Wash.	Baltimore, Md.	Lumber	7,561
Santa Maria [2]	3	3	Amer.	Grace Line	Iquique, Chile	New York, N. Y.	General	2,942
Benwood	2	3	Nor.	Nit. Corp. of Chile	Iquique, Chile	Azores [13]	Nitrates	6,316
Canadian Constructor.	3	4	Brit.	Montreal-Australia-N. Z. Line.	Brisbane, Aus'lia.	Montreal, Canada	General	2,287
W. S. Miller [1]	3	3	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I	Furnace oil	9,359
Trois Ilets	3	5	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, tires	319
Canadian Challenger.	3	4	Brit.	Canadian-Australian-N. Z. Line.	Melbourne, Aus'ia	Montreal, Canada	General	1,973
Sambu [2]	3	4	Pan.	Antonio A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	20
Massmar	3	4	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber	5,800
Koll [1] [2]	3	4	Nor.	Standard Oil of N. J.	Talara, Peru	Montreal, Canada	Crude oil	13,840
Wind Rush	4	4	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,252
Lochkatrine [2]	4	4	Brit.	Royal Mail Lines, Ltd.	Victoria, B. C.	Rotterdam, Neth.	Grain, gen.	9,504
Iocoma [1]	3	4	Brit.	West India Oil Co.	Talara, Peru	Barranquilla, Col.	Ballast	.....
Bradford City [2]	4	4	Brit.	Reardon-Smith Line.	Vancouver, B. C.	London, England	Wheat, lum.	8,767
Steelore	5	5	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Andino [1]	29	5	Brit.	Lago Shipping Co.	Balboa, C. Z.	Aruba, D. W. I.	Ballast	.....
Manizales	4	7	Ger.	North German Lloyd.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	637
Gothic Star	5	6	Brit.	Blue Star Line	N. Westm'er, B.C.	Liverpool, Eng.	Frozen, gen.	5,533
San Francisco	5	7	Fr.	French Line	Seattle, Wash.	Havre, France	General	6,235
Gryfevale	5	6	Brit.	Nit. Corp of Chile	Taltal, Chile	Azores [13]	Nitrates	7,700
Virginian	5	6	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,183
Rialto [2]	5	7	Ital.	Nav. Libera-Triestina	Vancouver, B. C.	Trieste, Italy	Wheat, gen.	7,704
Ino [2]	6	8	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	378
Argual	6	...	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	759
S-44 [7]	6	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-46 [7]	6	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	6	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Mallard [4]	6	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Julia Luckenbach.	6	6	Amer.	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	([14])	9,804
Chester [12]	5	9	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.	.....	.....
Moffett, No. 362 [9]	7	7	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Barracuda [7]	7	...	Amer.	U. S. Navy	San Diego, Calif.	Guantan'o, Cuba	.....	.....
Edgar F. Luckenbach.	7	7	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	Gen., lumber	9,348
Pat Doheny [1]	7	8	Amer.	Richfield Oil Co.	Los Angeles, Cal.	Mobile, Ala.	Fuel oil	9,892
Heimvard [2]	7	7	Nor.	Mutual Chemical Co.	N'oueBay, N.Cal.	Baltimore, Md.	Chrome ore	8,300
Antigone	7	7	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	London, England	General	7,914
Willboro	7	7	Amer.	Williams S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	9,375
Cape Howe	7	7	Brit.	Lyle S. S. Co.	Eten, Peru	Liverpool, Eng.	Sugar	6,688
Istmo	7	8	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	General	473
Niel Maersk [2]	7	8	Dan.	Isbrandtsen Moller	Manila, P. I.	Savannah, Ga.	Sugar, gen.	6,289
Santa Paula	7	8	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	1,207
Samuel Bakke [2]	7	8	Nor.	Knutsen Line	Vancouver, B. C.	Cardiff, Wales	General	6,499
F. J. Luckenbach.	7	8	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,132
Oregon	8	8	Amer.	Bulk Carriers Corp.	Portland, Oreg.	Galveston, Tex.	Wheat	8,261
Orbita	8	9	Brit.	Pacific Steam Nav. Co	San Antonio, Chile	Liverpool, Eng.	Copper, gen.	8,066
Maunawili	8	8	Amer.	Matson Line	Honolulu, T. H.	New Orleans, La.	([15])	7,300
Celtic Monarch	8	8	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Lum., wheat	8,450
Durazzo	8	9	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,117
Kentucky	8	9	Amer.	States S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,051
Gertrude Kellogg [1]	8	9	Amer.	Kellogg S. S. Co.	Manila, P. I.	New York, N. Y.	([16])	6,685
Kirishima Maru [2]	9	10	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	Silk, gen.	8,143
Svealand [2]	9	10	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,900
Pereira	9	10	Pan.	Elliot Ship. & Land Co.	Tumaco, Colom.	Manaure, Colom.	Ballast	.....
Maria Cristina [2]	10	13	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([17])	12
Sona [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Tuira [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	56
Mosel	10	11	Ger.	North German Lloyd.	Corral, Chile	Bremen, Germany	General	11,345
Greek Mariner	10	10	Greek.	Neill Pandelis	Ant'fagasta, Chile	Gothenburg, Swed	Nitrates	6,826
Leticia [2]	9	13	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	60
Frank [2]	10	...	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Acajutla	10	16	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	102

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [9] Destroyer. [12] Cruiser. [13] For orders. [14] Canned fruit, general. [15] Canned pineapples. [16] Coconut and wood oils. [17] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mobile City	10	10	Amer.	Isthmian S. S. Lines	Seattle, Wash	Baltimore, Md	([13])	8,403
Sambu [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Villanger [2]	10	12	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	7,913
Pacific Trader [2]	10	11	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scotland	General	7,740
Chr. Sass [2]	10	11	Dan.	Continental Grain Co.	Portland, Oreg.	Dublin, Ireland	Wheat	6,735
Ramillies	11	11	Brit.	John Cory & Sons	Vancouver, B. C.	Manchester, Eng.	Wheat, lum.	7,200
Rossington Court	11	11	Brit.	Canadian Transp. Co.	Crofton, B. C.	London, England	Wheat, lum.	9,628
Santa Lucia	11	11	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,059
Henderson	10	14	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	General	681
Nordstjernan [2]	11	12	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	5,406
Pan Europe [1] [2]	11	12	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, D. W. I.	Naphtha, oil	14,358
Cabarita	11	12	Brit.	Nit. Corp. of Chile	Tocopilla, Chile	Azores [14]	Nitrates	6,300
Granville [2]	12	12	Pan.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	([15])	6,865
Hokkai Maru [2]	12	13	Jap.	Osaka Shosen Kaisha.	Dairen, China	New York, N. Y.	General	5,078
Marore	13	13	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Remuera	13	14	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,415
Clio [2]	13	14	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	327
Telde	13	13	Hond.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	718
San Jose	13	14	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	5,190
Kollgrim [1] [2]	13	13	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	LandsEnd, Eng. [14]	Gasoline	12,217
Scalaria [1]	13	14	Brit.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D. W. I.	Kerosene dis.	7,937
Istmo	13	15	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	432
Nuevo Panama [2]	14	15	Pan.	Elliot Ship. & Land Co.	El Real, R. P.	Cristobal, C. Z.	Bananas	89
Trois Ilets	14	17	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, tagua	313
Cali	14	...	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	([16])	1,190
India [2]	14	14	Dan.	East Asiatic Co.	N. Westm'er, B.C.	Hull, England	General	10,310
President de Vogue [1] [2]	14	14	Nor.	Cia. Prod. des Chimiques.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,728
Athelchief [1] [2]	14	14	Brit.	United Molasses Co.	Honolulu, T. H.	London, England	Molasses	11,083
King City	15	15	Brit.	Reardon-Smith Line.	Seattle, Wash.	London, England	General	7,233
Phoenix [1]	15	15	Amer.	Amer. Tankers Corp.	S. Francisco, Cal.	Gulf [14]	Ballast	.....
Caduceus	15	15	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Avonmouth, Eng.	Wheat, lum.	7,900
Elwood [1]	15	15	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Kerosene	10,355
Hopetor	15	15	Brit.	Nit. Corp. of Chile	Iquique, Chile	Azores [14]	Nit. of soda	8,570
Vamp [5]	15	...	Amer.	C. B. Hallett	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [5] Launch. [13] Lumber, ore, general. [14] For orders. [15] Wheat, lumber, general. [16] Cacao, coffee, tagua.

Comparison of Traffic at the Suez and Panama Canals for the First Nine Months of the Calendar Years 1935 and 1936

The following is a comparison of traffic at the Suez and Panama Canals for the first nine months of the calendar years 1935 and 1936:

Month	Suez Canal Number of transits 1935	Suez Canal Number of transits 1936	Suez Canal Percent Increase	Suez Canal Percent Decrease	Panama Canal Number of transits 1935	Panama Canal Number of transits 1936	Panama Canal Percent increase
January	487	533	9.4	.....	425	472	11.1
February	410	471	14.9	.....	430	452	5.1
March	484	548	13.2	.....	455	526	15.6
April	506	490	.....	3.2	432	482	11.6
May	481	484	0.6	.....	424	488	15.1
June	458	426	.....	7.0	405	481	18.7
July	487	466	.....	4.3	377	456	21.0
August	503	471	.....	6.4	395	473	19.7
September	531	479	.....	9.8	391	466	19.2
Total	4,347	4,368	0.5	.....	3,734	4,296	15.1

Month	Suez Canal Tolls collected 1935	Suez Canal Tolls collected 1936	Suez Canal Percent Increase	Suez Canal Percent Decrease	Panama Canal Tolls collected 1935	Panama Canal Tolls collected 1936	Panama Canal Percent increase
	Thousands	*of francs*			*Thousands*	*of dollars*	
January	74,200	77,190	4.0	.....	1,911	2,019	5.7
February	65,010	69,960	7.6	.....	1,827	1,953	6.9
March	74,990	78,960	5.3	.....	2,018	2,294	13.7
April	79,210	70,110	.....	11.5	1,891	2,080	10.0
May	72,140	71,010	.....	1.6	1,996	2,081	4.3
June	68,600	63,450	.....	7.5	1,798	2,073	15.3
July	71,730	68,170	.....	5.0	1,684	1,999	18.7
August	71,640	64,990	.....	9.1	1,757	2,052	16.8
September	73,410	70,620	.....	3.8	1,781	2,045	14.9
Total	650,930	634,460	.....	2.5	16,663	18,596	11.6

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Holiday Greetings

BALBOA HEIGHTS, C. Z.

As another year of successful operation of our great enterprise draws to a close, it gives me much pleasure to extend to the personnel of The Panama Canal and the Panama Railroad Company and their families, to our neighbors in the Republic of Panama, and to the friends and patrons of the Canal, sincere good wishes for a Merry Christmas and a Happy New Year.

In extending the season's greetings, it is my sincere wish that the coming year may bring to each of you health, happiness, and contentment in the fullest measure.

C. S. RIDLEY,
Governor, The Panama Canal,
President, Panama Railroad Company.

Traffic Through the Panama Canal in November 1936

The total vessels of all kinds transiting the Panama Canal during the month of November 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	November 1934	November 1935	November 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	469	418	185	183	368
Local commercial vessels [1]	44	44	38	29	67
Noncommercial vessels:					
United States Government	38	34	26	14	40
Colombian Government	.....	.....	.....	1	1
For repairs	.....	.....	.....	1	1
Total	551	496	249	228	477

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation of the ocean-going traffic transiting the Canal shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected, each month for the 12 months ended November 30, 1936, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6	1934–5	1935–6
December	443	459	2,331,250	2,382,602	2,089,310	2,187,731	$1,952,192.57	$1,997,206.74
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	1,911,094.13	2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
Total	5,036	5,605	26,745,351	28,726,937	24,603,483	28,018,843	22,376,192.45	24,162,400.08

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels[3] for November 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	118	632,294	561,395	Japanese	17	104,547	102,617
Chilean	2	7,705	8,930	Netherlands	16	55,625	46,859
Chinese	2	8,255	12,347	Norwegian	43	207,384	203,306
Danish	15	57,804	55,016	Panamanian	16	32,964	43,606
Estonian	1	3,630	.....	Peruvian	[4] 2	.....	.....
French	9	50,521	51,664	Polish	[5] 1	563	.....
German	22	76,926	87,989	Swedish	6	29,187	53,653
Greek	5	20,962	21,976	United States	81	441,990	485,492
Honduran	8	12,424	2,948				
Italian	4	25,957	9,570	Total	368	1,768,738	1,747,368

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Naval vessels of 1,160 tons displacement.
[5] Naval training ship.

Traffic by Trade Routes, November 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	14	79,576	37,451	26	161,162	215,215
East coast United States and:						
Canada	9	37,583	6,892	.....	.....	.....
Central America	5	7,166	.....	4	6,212	2,948
South America	19	82,475	15,551	15	60,947	162,140
Hawaiian Islands	2	10,313	8,342	6	30,658	44,878
Australasia	4	25,779	18,249	2	9,645	14,610
Philippine Islands	5	26,494	22,632	4	23,220	26,509
Far East	17	96,511	117,051	9	53,667	44,518
Canadian intercoastal	2	10,632	14,057	.....	.....	.....
East coast Canada and:						
United States	1	4,610	.....	.....	.....	.....
South America	4	23,953	4,369	3	19,185	37,901
Australasia	5	31,809	25,677	3	14,238	11,959
Philippine Islands	2	11,474	14,485	.....	.....	.....
Far East	2	8,722	10,700	.....	.....	.....
South American intercoastal	5	10,093	16,506	2	1,873	.....
East coast South America and:						
United States	1	5,038	3,528	2	14,243	11,544
Canada	1	4,354	4,889	.....	.....	.....
Far East	1	5,821	4,670	.....	.....	.....
Cristobal and:						
Central America	5	4,823	3,327	4	4,088	830
South America	12	6,608	2,822	14	8,390	8,668
West Indies and:						
United States	.....	.....	.....	1	4,493	7,937
South America	.....	.....	.....	1	6,916	14,358
Balboa	2	9,203	19,024	.....	.....	.....
Europe and:						
United States	8	37,377	1,968	5	26,142	49,118
Canada	30	173,152	43,363	44	237,181	320,751
Central America	1	327	.....	1	1,881	3,400
South America	15	87,109	27,235	26	143,834	225,503
Hawaiian Islands	.....	.....	.....	2	11,980	24,438
Australasia	5	51,443	39,375	6	39,368	40,087
Far East	.....	.....	.....	1	5,107	8,250
Asia and:						
Canada	1	1,946	.....	1	2,023	1,413
Central America	1	2,031	.....	.....	.....	.....
Around the world	1	8,495	2,740	1	6,935	5,490
Foreign vessels in ballast (United States intercoastal)	2	9,870	.....	.....	.....	.....
Vessels not engaged in commerce	[6] 3	563	.....	.....	.....	.....
Total	185	875,350	464,903	183	893,388	1,282,465

[6] Naval, including 1 training ship.

Origin and Destination of Cargo by Major Areas, November 1936

The following table summarizes the origin of cargo passing through the Canal in November 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	45,980	10,760	147,617	15,568	20,789	240,714
Other North America	2,331	34,510	18,328	8,876	23,137	87,182
Europe	35,716	9,185	.....	25,825	39,375	110,101
Miscellaneous	6,872	1,768	2,376	15,890	.....	26,906
Total	90,899	56,223	168,321	66,159	83,301	464,903

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscel-laneous	
North America:					
United States	213,841	13,866	122,128	3,966	353,801
Canada	.....	2,605	242,318	3,515	248,438
Other North America	47,826	983	29,821	48	78,678
South America	162,799	67,039	223,791	.....	453,629
Australasia	17,826	8,825	40,005	.....	66,656
Asia	69,261	3,752	8,250	.....	81,263
Total	511,553	97,070	666,313	7,529	1,282,465

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during November 1936 or in November 1935 are listed below:

Commodity	November		Commodity	November	
	1935	1936		1935	1936
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	20,538	16,836	Canned goods, various	96,604	59,393
Canned goods, various	11,545	5,267	Coffee	10,052	12,630
Chemicals	11,365	5,061	Cold storage [7]	20,625	12,105
Coal and coke	10,377	7,867	Copra	12,600	12,654
Cotton, raw	57,253	39,590	Cotton, raw	11,602	6,458
Iron and steel	103,173	66,415	Flour	28,955	11,505
Metals, various	10,702	9,637	Fruit, dried	63,614	13,251
Nitrates	12,230	959	Fruit, fresh [8]	36,353	24,710
Oils, mineral	68,459	55,721	Lumber	225,958	170,105
Ores	28,830	4,639	Metals, various	48,312	46,030
Paper	30,560	33,682	Molasses and syrups	8,527	33,523
Phosphates	16,435	22,383	Nitrates	114,466	65,870
Scrap metal	20,942	25,744	Oats	6,317	13,924
Sulphur	11,777	5,079	Oils, mineral	202,864	267,456
Tinplate	12,445	22,024	Oils, vegetable	12,626	15,519
			Ores	91,952	159,332
Pacific to Atlantic			Sodium compounds	796	11,289
			Soy beans	13,364	8,250
Barley	14,162	14,693	Sugar	60,867	77,492
Beans, edible, dry	22,794	11,353	Wheat	124,445	137,357
Borax	10,800	1,137	Wood pulp	15,393	8,118

[7] Exclusive of fresh fruit. [8] Not including bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of November 1936, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts			25	
Agricultural implements	72		2,851	
Alfalfa meal		426		526
Ammonium compounds	43		1,810	10
Animal foods [9]		128	200	277
Apparel, wearing (hats, shoes, clothing, etc.)	6		7	3
Asbestos	141		2,883	
Asphalt and tar	165		2,865	78
Automobiles (and autotrucks)	337	2	12,125	16
Automobile parts and accessories		27	4,711	33
Bags and bagging, textile			525	100
Bamboo and products				199
Bananas				4,523
Barks, miscellaneous			11	119
Barley		37	140	14,693
Beans, edible, dry		3,306	48	11,353
Beer			267	
Beverages, nonalcoholic		22	35	22
Blood and tankage			150	
Bones and bone meal			874	26
Books and printed matter			2	
Borax	40	247	40	1,137
Bran and pollards			5	2,993
Bricks and tile	119		1,013	
Camphor, crude				167
Canned and preserved goods:				
Fish	1,053	5,276	1,220	11,403
Fruit		13,503	76	40,280
Meat	21		367	132
Milk			336	322
Soup	22		150	3
Vegetables	1,075	4,076	1,149	4,184
Miscellaneous and unclassified	840	2,681	1,969	3,069
Carbon black	6		491	
Celite		107		267
Cement	279		9,085	
Chalk			221	
Charcoal			20	
Chemicals [9]	242	337	5,061	864
Clay, china and fire	625	53	1,233	53
Clay, filtering			8	18
Coal	720		864	
Cocoa and cacao beans	40		1,224	668
Coconuts and products [9]	41	248	92	870
Coffee	35	95	3,212	12,630
Coke			7,003	
Cold storage and refrigerated products:				
Dairy products		18	166	7,975
Eggs		386		612
Fish		225	162	977
Lard			213	36
Meats		1	84	2,420
Poultry			18	
Vegetables	31		47	83
Other and unclassified			51	2
Confectionery	61		152	
Copra				11,663
Copra meal and cake				991
Corn			1,533	
Cotton, raw		285	39,590	6,458
Creosote			5	
Drugs and medicines	101		227	53
Dyes			172	4
Earthenware			4	
Eggs, dried				193
Electrical apparatus and appliances		9	304	145
Explosives			202	
Extract, quebracho			650	
Fertilizers [9]		104	3,208	154
Fish, salted or dry-cured			28	10
Fish meal				4,423
Floor coverings	203	110	263	545
Flour		9,710	287	11,505
Fruit, dried	32	4,535	118	13,251
Fruit, fresh [9]		501	416	24,710
Furniture and household goods	50		229	7

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
General	960	4,248	29,995	12,188
Glass and glassware	272	89	2,255	1,077
Glue	15	.....	15	5
Groceries	50	.....	267	15
Gums	.....	24	.....	320
Grains, unclassified	.....	.....	20	185
Hair, all kinds	.....	32	13	316
Hay	.....	.....	.....	5
Hemp, unmanufactured	.....	204	52	2,263
Honey	.....	94	50	198
Hops	.....	.....	79	5
Horns and hoofs	.....	.....	20	2
Infusorial earth	.....	534	.....	604
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	16,857	.....	66,415	398
Ivory nuts	.....	.....	496	3,189
Lard substitute	284	.....	287	.....
Lime	.....	.....	210	.....
Liquors	635	58	2,831	107
Lumber (including manufactured mill products)	258	46,006	578	170,105
Machinery	194	157	8,958	255
Malt	.....	.....	991	.....
Manufactured goods [9]	850	84	4,485	2,318
Marble and granite	20	.....	219	.....
Matches	66	.....	81	.....
Metals:				
Antimony	.....	.....	30	.....
Copper	20	675	3,467	24,327
Gold and silver	.....	.....	.....	12
Iron	658	3	3,041	3
Lead	.....	180	1,567	10,685
Tin	60	10	490	2,663
Zinc	.....	.....	728	7,312
Other and unclassified	.....	230	314	1,028
Milk, powdered	2	18	6	206
Molasses and syrups	35	.....	54	33,523
Nitrates	.....	.....	959	65,870
Nuts, edible (including meats)	52	121	81	238
Oats	.....	215	3	13,924
Oils, mineral:				
Crude	.....	.....	62	108,130
Gas and fuel	.....	34,596	31,677	34,596
Gasoline, benzine and naphtha	.....	22,634	2,041	75,154
Kerosene	.....	29,714	177	49,396
Lubricating and greases	10,534	63	21,764	180
Oils, vegetables:				
Coconut	.....	556	.....	10,576
Cottonseed	.....	.....	334	11
Linseed	14	.....	196	.....
Olive	18	.....	151	.....
Wood	.....	.....	1	3,209
Other and unclassified	19	150	323	1,723
Oil, fish	.....	.....	11	168
Oil, whale	.....	.....	.....	40
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	1,635	194
Oilseed cake and meal	.....	.....	.....	6,114
Ores:				
Antimony	.....	.....	.....	669
Chrome	158	.....	158	10,149
Copper	.....	.....	.....	52
Gold and silver	.....	.....	.....	797
Iron	1,775	.....	1,948	134,539
Lead	.....	.....	.....	2,170
Magnesite	.....	1,649	.....	2,153
Manganese	276	.....	280	441
Tin	.....	.....	.....	5,766
Zinc	.....	.....	.....	1,185
Other and unclassified	.....	.....	2,253	1,411
Paints and varnishes	518	17	2,746	27
Paper and paper products [9]	545	1,009	33,612	1,868
Paper scrap	.....	234	70	234
Peanuts	65	.....	65	.....
Peas, dry	.....	38	.....	169
Peatmoss	.....	.....	1,016	.....
Phosphates	.....	.....	22,383	.....
Plaster	34	.....	34	.....
Porcelainware	.....	107	677	2,798
Potash	.....	1,374	2,524	1,374
Pyrethrum flowers	.....	.....	.....	27
Rags and waste	85	75	321	2,554

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Railroad material	66	.....	827	.....
Rice	86	.....	1,811	1,310
Rope and twine	49	.....	82	100
Rosin	822	.....	3,472	73
Rubber:				
Manufactured	78	112	275	212
Raw	.....	143	10	6,616
Scrap	.....	.....	91	.....
Salt	.....	101	8,940	102
Sand	.....	.....	2,542	.....
Scrap metal	156	107	25,744	202
Seeds (except oilseeds)	.....	92	244	490
Shells, oyster	63	.....	64	206
Silk, raw	.....	143	45	2,616
Skins and hides	10	471	290	2,821
Slate	215	.....	215	.....
Soaps and products	519	.....	574	219
Soda and sodium compounds:				
Soda ash	696	.....	1,299	180
Soda, caustic	68	.....	1,611	56
Miscellaneous and unclassified	152	.....	1,485	11,053
Soy beans	.....	.....	.....	8,250
Sugar	.....	2,853	227	77,492
Sulphur	.....	.....	5,079	1,356
Talc	.....	18	.....	205
Tallow	.....	156	.....	746
Tea	7	.....	83	1,879
Textiles [10]	355	1	3,543	5,715
Tinplate	403	.....	22,024	.....
Tobacco and manufactures	113	28	6,006	82
Toilet preparations	.....	.....	20	.....
Turpentine	6	.....	7	.....
Vegetables, dry [9]	.....	.....	1,011	20
Wall board	.....	.....	63	458
Wax, paraffin	59	.....	1,556	2
Wheat	.....	9,852	.....	137,357
Wines	.....	778	165	1,762
Wood pulp	328	6,915	6,905	8,118
Wool	.....	418	580	4,292
Total, November 1936	45,980	213,841	464,903	1,282,465
Total, November 1935	186,338	441,927	634,402	1,416,020
Total, November 1934	170,366	585,916	683,434	1,655,567

[9] Except as otherwise classified. [10] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of November 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	4	21,455	8,450	9	51,365	86,944
East coast United States and:						
Hawaiian Islands	.....	.....	.....	1	4,286	[11] 7,285
Philippine Islands	.....	.....	.....	1	3,826	[12] 6,685
Far East	.....	.....	.....	1	4,999	.....
East coast Canada and South America	3	19,196	.....	3	19,185	37,901
South American intercoastal	2	7,306	14,415	1	1,140	.....
West Indies and:						
United States	.....	.....	.....	1	4,493	7,937
South America	.....	.....	.....	1	6,916	14,358
Balboa	2	9,203	19,024	.....	.....	.....
Europe and:						
United States	5	28,605	.....	4	21,978	42,383
Canada	1	7,481	.....	.....	.....	.....
Central America	1	327	.....	.....	.....	.....
South America	4	23,715	.....	7	40,906	77,750
Hawaiian Islands	.....	.....	.....	2	11,980	[11] 24,438
Total	22	117,288	41,889	31	171,074	305,681

[11] Molasses [12] Coconut and wood oil.

Comparison of Canal Traffic in November 1936, with November Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of November			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[13] 86	313	447	1915	[14] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	142	436	512	1917	145	483	588
1917	174	585	695	1918	165	547	627
1918	174	509	626	1919	162	510	576
1919	172	597	575	1920	199	712	781
1920	231	929	985	1921	232	950	966
1921	218	942	855	1922	222	951	907
1922	290	1,337	1,427	1923	325	1,550	1,631
1923	430	2,193	2,218	1924	429	2,179	2,249
1924	374	1,872	1,962	1925	382	1,904	1,996
1925	417	2,028	2,023	1926	424	2,064	2,169
1926	404	2,030	2,271	1927	441	2,184	2,311
1927	540	2,590	2,488	1928	521	2,453	2,468
1928	519	2,467	2,500	1929	524	2,485	2,554
1929	510	2,497	2,533	1930	502	2,497	2,502
1930	464	2,370	2,262	1931	447	2,314	2,089
1931	365	2,001	1,577	1932	364	1,968	1,650
1932	365	2,035	1,531	1933	347	1,900	1,513
1933	432	2,394	1,949	1934	436	2,379	2,059
1934	469	2,546	2,339	1935	432	2,317	2,109
1935	418	2,166	2,050	1936	449	2,335	2,209
1936	368	1,769	1,747	([15])	468	2,399	2,348

[13] Canal opened August 15, 1914. [14] Average for 10½ months. [15] Average 11 months of calendar year 1936.

Terminal Activities

Ships repaired during the month of November 1936 numbered 48; of this number 7 were drydocked. Fuel oil in the quantity of 332,577 barrels was delivered as bunkers to 119 commercial ships. Bunker coal amounting to 3,342 tons was delivered to 20 commercial ships. Sales of commissary supplies to ships aggregated $52,648.36.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ... tons	27,371	14,547	41,918
Coal ... tons	.....	.....	.....
Local cargo arriving ... tons	21,962	6,144	28,106
Local cargo shipped ... tons	2,996	640	3,636
Cargo received for transshipment ... tons	35,918	1,451	37,369
Cargo transshipped ... tons	32,606	1,020	33,626
"Canal Zone for Orders" cargo:			
Number of receipts issued	4	1	5
Number of releases issued	35	7	42
Tons received	7	3	10
Tons withdrawn	90	4	94

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	426	2,471,394	1,460,121	395	2,249,598	1,333,395
Vessels entering port but not transiting Canal	55	306,903	170,081	11	59,378	35,958
Vessels transiting Canal and handling passengers and cargo at terminal ports	111	659,618	384,691	82	486,171	281,330
Ships clearing						
All vessels, including those transiting Canal	430	2,472,090	1,463,318	393	2,244,918	1,331,780
Vessels clearing port but not transiting Canal	58	325,999	184,419	7	36,518	21,545
Vessels transiting Canal and handling passengers and cargo at terminal ports	111	635,339	369,861	83	486,608	281,554

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, November 15, 1936, to midnight, December 15, 1936. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Peten, 196, 23
Chimu, 327, 21
Portland, 107, 34
Hokuroku Maru, 0, 435
Saarland, 139, 2 pkgs.
Lochmonar, 227, 283
Santa Inez, 110, 1
Laguna, 136, ½
Cefalu, 66, 1,039
Mayan, 324, 788
Maracay, 5,915, 0
Arizona, 42, 51
Komaki Maru, 290, 22
Damsterdijk, 203, 25 cases
Santa Maria, 385, 115
Buenaventura, 1,672, 857
Veragua, 91, 47
Dusseldorf, 17, 105
Roda, 141, 220
Ino, 412, 42
Axel Johnson, 187, 0
Castilla, 915, 304
Haiti, 174, 594
Toloa, 325, 216
Davisian, 256, 0
Angol, 210, 11
Oregon, 203, 33
Wales Maru, 561, 0
Nagara Maru, 1,058, 0
Cacique, 91, 335¼
Istmo, 444, 105½
Cerigo, 1,199, 288
Cali, 0, 177
Reina del Pacifico, 63, 209
Register, 146, 20
Abraham Lincoln, 2, 0
Phrygia, 11, 424
Hollywood, 4, 0
Veragua, 28, 20
Oakland, 23, 0
Breda, 155, 420
Amerika, 38, 21
Assuan, 3, 2
Crynssen, 70, 4
Tai Shan, 954, 0
Washington, 39, 242
Contessa, 83, 972
Salvador, 188, 561
Santa Clara, 863, 71
Santa Lucia, 440, 417¼
Ancon, 3,428, 687
Dagfred, 1, 0
Trois Ilets, 244, 150
Quirigua, 107, 81
San Pedro, 25, 0
Clio, 317, 187
Tivives, 660, 232
Pastores, 406, 406¼
Calamares, 342, 462
Canada, 0, 8
Osnabruck, 28, 468
Manizales, 1,062, 11
Istmo, 488, 164
Pasajero, 35, 0
Caribia, 434, 9
Crynssen, 0, 384
Margaret Lykes, 2,577, 639
Quirigua, 90, 1
Cumbal, 576, 0
Orduna, 36, 143
Flandre, 78, 584
Augsburg, 133, 110
Kwanto Maru, 1,120, 135
Dinteldijk, 267, 90
Santa Rita, 200, 52
Canadian Highlander, 0, 817
Palatia, 71, 310
Amapala, 280, 693
Nuevo Panama, 79, 312
Aase Maersk, 10,638, 0
Pasajero, 0, 3½
Pereira, 0, 95
Grenland, 217, 833
Este, 12, 357
Ammon, 75, 65
Venice Maru, 576, 0
Trois Ilets, 290, 0
Santa Elena, 9, 0
Santa Inez, 165, 272
Guayaquil, 2,314, 846
San Jose, 0, 270
Peten, 176, 47
Santa Paula, 407, 35
Metapan, 790, 342
Ino, 579, 298
Alaska, 1,591, 5
Manizales, 110, 174
Durazzo, 1,176, 179
Colombia, 187, 56
Bennekom, 111, 210
Tacoma, 192, 30
Anna Maersk, 792, 0
Chimu, 45, 191
Ulua, 313, 424
Colombia, 57, 405
Loriga, 86, 398
Rhakotis, 365, 208
Peten, 6, 53
Mantilla, 3,330, 0
Istmo, 668, 0
Contessa, 141, 1,256
Muenchen, 81, 411
Caribia, 43, 174
Acajutla, 293, 485
Santa Clara, 286, 24¼
Santa Barbara, 252, 6
Loreta, 86, 22
Lochgoil, 276, 146
Antofagasta, 118, 0
Boskoop, 188, 100
Tsuyama Maru, 164, 28
Daytonian, 247, 55
Cristobal, 4,551, 869
Nuernberg, 39, 211
Orazio, 0, 408½
Veragua, 143, 46
Fella, 78, 0
Clio, 417, 54
Santa Marta, 773, 812
Troja, 0, 406
Toloa, 443, 134
Haiti, 250, 824½
Nuevo Panama, 27, 78
Cali, 1,357, 0
Alabama, 80, 513
Cuba, 145, 0
Colombia, 0, 443
Pereira, 1,089, 120
Trois Ilets, 344, 0
Veragua, 40, 3
Nojima Maru, 1,095, 44
Santa Maria, 112, 0
Pasajero, 10, 0
Amapala, 128, 714
Cuba, 0, 1,703
Cacique, 908, 120
Mayan, 985, 0
Elsie M., 2, 0

BALBOA

Portland, 318, 0
Acajutla, 0, 154
Trois Ilets, 17, 0
Canada, 739, 19
Santa Maria, 163, 15
Chateau Thierry, 836, 257
Dusseldorf, 108, 24
Abraham Lincoln, 377, 0
Cacique, 18, 0
Mayan, 2, 99
Amerika, 36, 122
Tai Shan, 404, 0
Salvador, 1, 0
Santa Clara, 17, 0
Telde, 0, 2
Santa Lucia, 20, 13
Cumbal, 51, 0
Rakuyo Maru, 352, 2
Santa Rita, 5, 0
San Jose, 0, 1
Vinland, 63, 0
Santa Elena, 0, 1
Santa Inez, 119, 14
Santa Paula, 9, 3
Chimu, 1, 2
Rotorua, 34, 0
Kanawha, 7,805, 0
Grenland, 0, 51
Santa Barbara, 50, 0
Santa Clara, 150, 0
Norway Maru, 1,613, 0
Clio, 0, 142
Acajutla, 0, 126
Iocoma, 1,279, 0
Astoria, 1, 0
St. Mihiel, 314, 0
Mayan, 95, 0
Santa Maria, 1, 0

NOTE—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,034; embarking 1,826; at Balboa, 1,196 disembarking and 858 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,659, from the Pacific to the Atlantic, 2,140. Aircraft numbering 43 entered Cristobal, and 186 passengers disembarked; clearances were 43, with 169 passengers embarking; at Balboa entries of aircraft were 35, with 103 passengers disembarking; clearances, 35, with 67 passengers embarking.

First Vessel of Estonian Registry Transits in November

The first ship of Estonian registry to pass through the Panama Canal transited November 27, southbound, the oil-burning cargo steamer *Eestirand*, 3,630 Panama Canal net tons, in ballast, bound from Flushing, Holland to Taltal, Chile, to load a cargo of nitrate.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at C. I. F. cost plus 25 percent surcharge which covers local freight, handling, and other costs.

Movements of Ocean Vessels Through the Panama Canal

From midnight November 15, 1936, to midnight December 15, 1936

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Port Hunter	16	16	Brit.	Port Line	London, England	Dunedin, N. Z.	General	4,845
Port Alma [2]	16	16	Brit.	Mont.-Aus.-N.Z. Line	Montreal, Canada	Adelaide, Aust.	General	6,178
Forthbank	16	16	Brit.	Andrew Weir & Co.	Galveston, Tex.	Adelaide, Aust.	General	8,155
Portland [2]	16	17	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	5,444
Canadian Victor	15	16	Brit.	Mitsubishi Shoji K.	Glasgow, Scot.	Kobe, Japan	Scrap iron	6,734
Bronnoy [2]	16	16	Nor.	Wessel, Duval & Co.	Three Riv., Can.	Talcahuano, Chile	General	4,369
Hokuroku Maru [2]	16	16	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	[13]	7,268
Acajutla	10	17	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	549
Canada [2]	16	17	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	[16]	2,994
Dar Pomorza [1 3]	12	18	Pol.	Polish Government	Gdynia, Poland	Tahiti, Soc. Is.	Ballast	
Ping An	17	17	China	Yamashita Ship. Co.	Mobile, Ala.	Nanaimo, B. C.	Scrap steel	5,957
Trois Ilets	14	17	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	General	25
Mazout [1]	16	17	Brit.	Townsend Brothers	Falmouth, Eng.	LaLibertad, Ecua.	Ballast	
El Mirlo [1 2]	17	17	Brit.	C. T. Bowring & Co.	Tyne, England	Cabo Bl'co, Peru	Ballast	
Errington Court	17	17	Brit.	Haldin & Philipps	Newp't News, Va.	Vancouver, B. C.	Ballast	
Tilsington Court	17	17	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Argual	17	17	Hond.	United Fruit Co	Mobile, Ala	Pto. Arm'les, R. P.	Ballast	
Arizona	18	18	Fr.	French Line	Havre, France	Talcahuano, Chile	General	688
MontevideoMaru [2]	18	18	Jap.	Osaka Shosen Kaisha	Montevideo, Uru.	Kobe, Japan	Gen., cotton	4,670
Canadian Conqueror	18	18	Brit.	Mont.-Aus.-N.Z. Line	Montreal, Canada	Melbourne, Aust.	Newsprint	3,488
Tuira [2]	17		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	17		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	17		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Damsterdijk [2]	18	19	Neth.	N. Pacific Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,435
Lapwing [1 0]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Steel Inventor	19	19	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hawaiian Islands	Steel, gen.	6,629
Sonnavind [2]	19	19	Nor.	Kawasaki K. Kaisha	New York, N. Y.	Kobe, Japan	[17]	6,963
Calgarolite [1 2]	19	19	Brit.	Imperial Oil Co.	Halifax, N. S.	Talara, Peru	Ballast	
Santa Maria [2]	19	20	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	1,819
Q. M. C. No. 1 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
J-26 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Winslow [5]			Amer.	U. S. Army	Cristobal, C. Z.	Corozal, C. Z.	Tow. barge	
City of Tokio	20	20	Brit.	Ellerman & Bucknall	Philadelphia, Pa.	Adelaide, Aust.	General	2,636
Javanese Prince [2]	20	20	Brit.	Prince Line, Ltd.	New York, N. Y.	Hongkong, China	General	3,967
Nako Maru [2]	20	20	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	6,936
Axel Johnson [2]	20	20	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., paper	1,653
Azumasan Maru [2]	20	20	Jap.	Mitsui Bussan Kaisha	Boston, Mass.	Kobe, Japan	[18]	4,724
Las Palmas [5]			Amer.	John Shade	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Ino [2]	20	21	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	29
Dalblair	21	21	Brit.	Powell River Co.	Pt. Alfred, Can.	Shanghai, China	Newsprint	4,310
Leticia [3]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Dusseldorf [2]	20	21	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,583
Fortuna [3]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Chateau Thierry [8]	21		Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	350
Frank [3]	21		Pan.	Standard Fruit Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Kongo Maru [2]	21	22	Jap.	Kokusai K. Kaisha	New York, N. Y.	Kobe, Japan	[19]	6,492
Risanger	21	22	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	
Dino	22	22	Ital.	Corrado S. S. Co.	Rotterdam, Neth.	Arica, Chile	Ballast	
Reina del Pacifico [2]	22	22	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile	General	2,389
Oregon [2]	21	22	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	General	4,590
Cali	14	22	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	308
Ta-An	22	23	China	United Ocean Transp.	Curacao, D. W. I.	Yawata, Japan	Scrap iron	6,390
Istmo	21	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	210
Tuira [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch [3]	22		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [20]		
No. 238 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Abraham Lincoln [2]	22	23	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	4,523
Raby Castle [2]	23	23	Brit.	Barber Line	New York, N. Y.	Shanghai, China	General	3,054
Samuel D. Ingham. [1 4]	22	24	Amer.	U. S. Navy	Philadelphia, Pa.	Seattle, Wash.	Ballast	
Hollywood	23	23	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	3,528
Cacique	21	23	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,367
Laila	3	23	Dan.	J. Lauritzen & Co.	Baltimore, Md.	Corral, Chile	Ballast	
Mayan	17	24	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	786
Breda	23	24	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,838
Cydonia	23	24	Brit.	Salengia	Port-of-Spain	Tocopilla, Chile	Ballast	
Assuan [2]	24	24	Ger.	Hamburg-Amer. Line.	Tampico, Mex.	Moji, Japan	Lead, cotton	5,773
Telde	24	24	Hond.	United Fruit Co	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Neptunian [2]	24	24	Brit.	Canadian Transp. Co.	Montreal, Canada	Victoria, B. C.	General	6,500
Amerika [2]	24	25	Dan.	East Asiatic Co.	Goth'burg, Swed.	Portland, Oreg.	General	425
W. S. Miller [1]	25	25	Amer.	Standard Oil of Calif.	New York, N. Y.	S. Francisco, Cal.	Lub. oil	8,450
Beloit [3]	24	25	Hond.	W. M. Eden	La Ceiba, Hond.	Amapala, Hond.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [10] Mine sweeper. [13] Training ship. [14] Coast Guard Cutter. [15] General, scrap copper. [16] Paper, cement, general. [17] Phosphates, cotton. [18] Scrap steel, rosin. [19] Cotton, auto parts, scrap iron, etc. [20] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Bethore	25	25	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Asuka Maru [2]	25	25	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Cotton, gen.	8,287
Pacific Grove [2]	25	25	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,011
Sambu [2]	24	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	24	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
M-101 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Santa Lucia	25	26	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,481
Germanic	26	26	Brit.	Seaboard Ship. Co.	W. Hartlep'l, Eng.	Vancouver, B. C.	Ballast	.....
Svealand [2]	26	26	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Dagfred [2]	26	26	Nor.	Isbrandtsen Moller	Boston, Mass.	Manila, P. I.	General	7,489
Vamp [5]	...	...	Amer.	E. L. Stabler	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Joan [5]	...	...	Amer.	Dan McAllister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Rangitane [2]	26	27	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	4,495
Eestirand	26	27	Eston.	Chile Nit. Sales Corp.	Flushing, Neth.	Taltal, Chile	Ballast	.....
Sessa	26	27	Dan.	West Coast Line	New York, N. Y.	Corral, Chile	General	1,847
Redsea	27	27	Brit.	Brown, Atkinson & Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Trois Ilets	26	27	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	137
Huntingdon	27	28	Brit.	Federal Steam Nav. Co.	Newport, Eng.	N. Plym'th, N. Z.	General	12,120
San Pedro	27	28	Fr.	French Line	Havre, France	Vancouver, B. C.	([14])	5,495
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
Leikanger	28	28	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	4,889
Yankee [6]	27	2	Amer.	Irving Johnson	Cape Haitien, H'ti	Round the world.	Ballast	.....
Leticia [3]	28	28	Pan.	A. Tagaropulos	Colon, R. P.	Darien, R. P.	General	3
Clio [2]	27	28	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	171
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
City of Kimberley	28	29	Brit.	Ellerman & Bucknall	Montreal, Canada	Dairen, China	General	6,985
Chilean Reefer [2]	28	29	Dan.	J. Lauritzen	Tel Abib, Palest'e	Pto. Arm'les, R. P.	Ballast	.....
Jonna	29	1	Dan.	J. Lauritzen	Cardiff, England	Seattle, Wash.	Ballast	.....
Istmo	28	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	235
Cerigo	21	28	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	464
Teal [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	...	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
Salvador	24	30	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	561
King Malcolm [2]	29	30	Brit.	J. J. Moore & Co.	Hull, England	Vancouver, B. C.	Ballast	.....
S-44 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
Gracia	30	30	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	948
S-46 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Orla	29	30	Nor.	Bergvalls S. S. Co.	New York, N. Y.	Williamsb'd, B. C.	Ballast	.....
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Rockpool	30	30	Brit.	Sir. R. Ropner & Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Colorado Springs	1	1	Amer.	Lykes Bros.-Ripley	Houston, Tex.	Manila, P. I.	Suplhur, gen.	7,361
Naruto Maru [2]	1	1	Jap.	Nippon Yusen Kaisha	Baltimore, Md.	Kobe, Japan	([16])	5,662
Belfast Maru	1	1	Jap.	Kawasaki S. S. Co.	New York, N. Y.	Kobe, Japan	([17])	7,605
British Prince [2]	1	1	Brit.	Seaboard Ship. Co.	London, England	Vancouver, B. C.	Ballast	.....
Sanyo Maru [2]	1	1	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	General	6,519
San Jose	1	1	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	.....
Palatia [2]	1	2	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,780
Viking Star	1	2	Brit.	Blue Star Line	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Fernlane [2]	1	2	Nor.	Fearnley & Eger	Galveston, Tex.	Moji, Japan	Cotton, lead.	6,968
Amerikaland [2]	2	2	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Talamanca [2]	2	...	Pan.	United Fruit Co.	Bocas, R. P.	Balboa, C. Z.	Tow. barge	.....
No. 31053 [13]	...	...	Pan.	United Fruit Co.	Cristobal, C. Z.	Balboa, C. Z.	Rails	20
Moldanger [2]	2	2	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	General	135
Nuevo Panama [2]	1	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	175
Sona [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Port Darwin	2	3	Brit.	Port Line	Barry, England	Adelaide, Aust.	General	5,393
Anten	2	3	Swed.	Transatlantic S. S. Co.	Albany, N. Y.	Eureka, Calif.	Ballast	.....
Marore	2	3	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Samnanger	3	3	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Ammon	3	3	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile	General	6,657
Reginolite [1] [2]	3	4	Brit.	Imperial Oil Co.	Aruba, D. W. I.	Iquique, Chile	Fuel oil	12,527
Trois Ilets	3	4	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	.....
Santa Inez [2]	3	4	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	1,543
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Santa Paula	4	5	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	251
Hoperange [2]	4	5	Brit.	Hopemount Ship. Co.	Rotterdam, Neth.	Chile	General	1,500
Fortuna [3]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [10] Mine sweeper. [11] Mine planter. [13] Barge. [14] Coke, sand, general. [15] For bananas and return to Cristobal. [16] Steel, wire, general. [17] Phosphates, cotton.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
British Columbia Express.[2]	4	5	Nor	Fruit Express Line	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	.....
Geisha[2]	4	5	Nor	Knut Knutsen O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	General	2,135
Trondanger[2]	4	5	Nor	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	337
King Stephen[2]	4	6	Brit	Eagle Oil Co	Tampico, Mexico	Melbourne, Aust.	Asphalt	6,051
Winkleigh	5	5	Brit	Seaboard Ship. Co	Barry, England	Vancouver, B. C.	Ballast	.....
Silvercypress[2]	5	6	Brit	Silver Line, Ltd	Boston, Mass	Hongkong, China	General	7,692
Port Townsville[2]	5	5	Brit	Com'lth & Dom. Line	London, England	Nelson, N. Z.	Gen., fruit	6,972
Ino[2]	4	5	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	280
Ava[5]	...	...	Amer	Institute for Research in Tropical Amer.	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
Frank[3]	5	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
Pereira	30	6	Pan	Elliot Ship. & Land Co.	Manaure, Col	B'ventura, Col	Gen., salt	1,215
Bordeaux Maru	5	6	Jap	K. Line	Baltimore, Md	Moji, Japan	Phosphate	7,932
El Oso[1]	5	6	Brit	C. T. Bowring & Co	Liverpool, Eng	Cabo Bl'co, Peru.	Ballast	.....
Munsterland[2]	4	6	Ger	Hamburg-Amer. Line.	Houston, Tex	Moji, Japan	(13)	5,031
Nolisment	6	6	Brit	Seaboard Ship. Co	Liverpool, Eng	Vancouver, B. C.	Ballast	.....
Tacoma	5	6	Ger	Hamburg-Amer. Line.	Hamburg, Ger	Vancouver, B. C.	General	6,389
Tercero[2]	6	6	Nor	Wessel, Duval & Co	New York, N. Y.	Talcahuano, Chile	General	3,747
Chimu[2]	5	6	Amer	Grace Line	New York, N. Y.	Pisco, Peru	General	1,339
Ville D'Amiens	6	6	Fr	Messageries Marit'es.	Marseille, France	Noumea, N. Caled	General	1,177
Sambu[2]	5	6	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
Argual	6	7	Hond	United Fruit Co	Mobile, Ala	Pto. Arm'les, R. P.	Ballast	.....
Ferncliff[2]	6	7	Nor	Deithcer Brothers	Montreal, Canada	Yawata, Japan	Scrap iron	7,130
Franz Klasen[2]	7	7	Pan	W. Tankschiff Rhed'i.	Hamburg, Ger	Talara, Peru	Ballast	.....
Dalveen	7	7	Brit	Mon.-Aust.-N. Z. Line	Montreal, Canada	Australia	Newsprint	4,225
Loriga[2]	6	7	Brit	Pacific Steam Nav. Co.	Hull, England	Coronel, Chile	(14)	3,074
Nyhorn[2]	6	7	Nor	Knut Knutsen O.A.S.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Manizales	4	7	Ger	North German Lloyd.	Cartagena, Col	Guayaquil, Ecua.	Gen., flour	617
Antonio	7	7	Brit	Texas Sulphur Co	Galveston, Tex	Fremantle, Aust.	Sulphur	7,070
Heinrich V. Reidemann.[1] [2]	7	7	Pan	W. Tankschiff Rhed'i.	Baltimore, Md	Talara, Peru	Ballast	.....
City of Manchester.	6	7	Brit	Ellerman Lines, Ltd.	New York, N. Y.	Sydney, Aust'lia.	General	3,893
Grenland	1	8	Nor	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	837
L. A. Christensen[2]	7	8	Nor	Grace Line	Montreal, Canada	Callao, Peru	Newsprint	3,709
Torvanger	7	8	Nor	Chile Nit. Sales Corp.	Hamburg, Ger	Tocopilla, Chile	Ballast	.....
Stjerneborg[2]	7	8	Dan	Anglo-Can. S. S. Co.	Belfast, Ireland	Los Angeles, Cal.	Ballast	.....
Loch Lomond	8	8	Brit	Maclay & McIntyre	Lening'd, U.S.S.R.	Tacoma, Wash	Gold ore	8,100
Col. Riche[5]	...	...	Amer	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
Steel Voyager	8	9	Amer	Isthmian S. S. Lines	Baltimore, Md	Hawaiian Islands	(15)	5,821
Kinross[2]	9	9	Brit	Canadian Transp. Co.	Antwerp, Belgium	Vancouver, B. C.	Ballast	.....
Boskoop	9	9	Neth	Royal Neth. S. S. Co.	Hamburg, Ger	Corral, Chile	General	3,002
Lochgoil[2]	9	10	Brit	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	1,972
Sambu[2]	8	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
Tuira[2]	8	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
Sona[2]	8	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
L-41[5]	...	...	Amer	U. S. Army	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
Enoch[3]	9	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[16]	.....	.....
Santa Clara	9	10	Amer	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,810
Tai Yang[2]	10	10	Nor	Barber Wilhelmsen	Philadelphia, Pa.	Moji, Japan	General	7,440
Fortuna[3]	10	10	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	.....
Daghild	10	10	Brit	Anglo-Can. S. S. Co.	Sydney, C. B.	Williamsh'd, B.C.	Ballast	.....
Athelduchess[1] [2]	10	10	Brit	Nippon Tanker K. K.	Falmouth, Eng	Los Angeles, Cal.	Ballast	.....
Mecklenburg	10	10	Ger	Hamburg-Amer. Line.	New Orleans, La.	Moji, Japan	(17)	5,700
Steelore	10	10	Amer	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	.....
Blythmoor	10	10	Brit	Chile Nit. Sales Corp.	Tyne, England	Chile	Ballast	.....
Kanawha[1]	9	10	Amer	U. S. Navy	Cristobal, C. Z.	San Diego, Calif.	General	24
Fernwood[2]	10	10	Nor	Fern Line	Pt. Tampa, Fla.	Moji, Japan	Phos., cotton	7,275
Anglo Peruvian	10	10	Brit	Lawther, Latta & Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Nurnberg[2]	10	11	Ger	North German Lloyd.	Hamburg, Ger	Corral, Chile	General	6,104
Henderson[6]	10	12	Amer	U. S. Navy	Norfolk, Va	S. Francisco, Cal.	General	1,277
H. M. Storey[1]	11	11	Amer	Standard Oil of Calif.	Baltimore, Md	Los Angeles, Cal.	Ballast	.....
Fella[2]	11	11	Ital	Nav. Libera Triestina	Trieste, Italy	Vancouver, B. C.	General	2,860
Laura	11	11	Dan	J. Lauritzen	Cardiff, England.	Seattle, Wash	Ballast	.....
Maria Cristina[3]	11	11	Pan	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P	General	3
Panga, No. 3684	...	...	Pan	A. Tagaropulos	Cristobal, C. Z.	Gatun, C. Z	Ballast	.....
H. S. Albert II[3]	12	12	Brit	George Gough	Colon, R. P	Balboa, C. Z	Ballast	.....
Sirius[5]	1	...	Brit	Harold Nossiter	Pt.-of-Spain, Trin.	N. S. Wales, Aust.	Ballast	.....
Leticia[3]	12	12	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P	Ballast	.....
Canadian Constructor.	12	12	Brit	Mont.-Aust.-N.Z. Line	Montreal, Canada	Dunedin, N. Z.	General	3,715
Myrmidon[2]	11	12	Brit	Alfred Holt & Co	Baltimore, Md	Vlad'k, U. S. S. R.	General	6,834
Clio[2]	11	12	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z	Guayaquil, Ecua.	General	172
Vinemoor[2]	12	12	Brit	Ditta Vincenze Burgie	Pto. Empedocle, It	Ravensb'e, N. Z.	Sulphur	5,500
Aldington Court[2]	12	13	Brit	Canadian Transp. Co.	Montreal, Canada	N. Westm'er, B.C.	General	6,830
New Orleans[12]	13	14	Amer	U. S. Navy	Guantan'o, Cuba	Long Beach, Calif.	Ballast	.....
Astoria[12]	13	14	Amer	U. S. Navy	Guantan'o, Cuba	Long Beach, Calif.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Transport. [12] Cruiser. [13] Scrap iron, cotton. [14] Patent fuel, general. [15] Automobiles, steel, general. [16] For bananas and return to Cristobal. [17] Cotton, rosin, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Modavia [2]	13	13	Brit...	Donaldson Brothers..	Glasgow, Scot...	Vancouver, B. C.	General.....	626
Acajutla.....	8	13	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	483
American Reefer [2]	13	13	Dan...	J. Lauritzen.....	Copenhagen,Den.	Vancouver, B. C.	Ballast.....	.....
Durazzo.....	4	13	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	.....
Leiv Eriksson [2] [3]	13	13	Nor...	T. Dannevig & Co...	Curacao, D. W. I.	Los Angeles, Cal.	Ballast.....	.....
Alabama.....	13	13	Fr....	French Line.....	Havre, France...	Talcahuano,Chile	Gen., iron...	1,693
Gen. Wm. M. Graham. [11]	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Tainui.....	14	14	Brit...	Shaw, Savill & Albion	London, England	Wellington, N. Z.	Motor car..	2,950
Anneliese Essberger. [2]	13	14	Ger...	Isbrandtsen Moeller..	Lulea, Sweden...	Cebu, P. I.....	General.....	7,893
Telde.....	13	14	Hond..	United Fruit Co	Mobile, Ala.....	Pto. Arm'les, R. P.	Ballast.....	.....
Athelmonarch [1] [2]	13	14	Brit...	United Molasses Co..	New York, N. Y.	Los Angeles, Cal.	Ballast.....	.....
Chilore.....	14	14	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Hokkai Maru [2]...	14	14	Jap...	Osaka Shosen Kaisha.	New York, N. Y.	Kobe, Japan....	General.....	6,852
City of Delhi....	14	15	Brit...	Ellerman Lines, Ltd..	Montreal,Canada	Brisbane, Aus'lia.	General.....	6,813
Pereira.....	13	14	Pan ..	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	210
Pacific Enterprise [2]	14	15	Brit...	Furness, Withy & Co.	Glasgow, Scot...	Vancouver, B. C.	General.....	880
Sangstad [2].....	14	15	Nor...	Fern Line.....	Port Tampa, Fla.	Yokohama,Japan	Cotton, lead.	6,914
Kirishima Maru [2].	15	15	Jap...	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan....	Cotton, iron.	7,879
K. R. Kingsbury [2]	15	15	Amer..	Standard Oil of Calif.	Tiverton, R. I...	Los Angeles, Cal.	Ballast.....	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Amerikaland [2]....	15	16	Swed..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21.700
Christian Holm [1] [2]	15	16	Dan...	Det. Danske Pet.....	Talara, Peru....	S'ampton, Eng...	Crude oil...	12,854
Gen. M. H. Sherman.	15	16	Amer..	Matson Nav. Co.....	Honolulu, T. H..	Baltimore, Md...	Sugar, gen..	7,378
Chimu [2].....	16	16	Amer..	Grace Line.....	Pisco, Peru.....	New York, N. Y.	General.....	2,099
S-43 [7].....	16	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Saarland.....	16	17	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	General.....	8,510
Selma City.....	15	16	Amer..	Isthmian S. S. Lines..	N. West'er, B. C.	Swansea, Wales..	General.....	3,588
Lochmonar [2].....	16	17	Brit...	Royal Mail Line, Ltd.	Victoria, B. C...	Rotterdam, Neth.	General.....	6,097
El Ciervo [2].....	16	17	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru.	Dunkerque, Fr...	Crude oil...	8,043
Leticia [2].....	17	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P.....	Cristobal, C. Z..	Bananas....	58
Mayan.....	17	23	Amer..	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	General.....	306
Tuira [2].....	17	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	53
Sambu [2].....	17	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	24
Eridan [2].....	17	17	Fr....	Messageries Marit'es.	Noumea, N.Caled	Marseille, France	General.....	4,515
Inapaquina [2].....	17	18	Pan...	Elliot Ship. & Land Co.	Real, R. P.....	Cristobal, C. Z..	Bananas....	20
Sona [2].....	17	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	31
Bodegraven.....	17	17	Neth..	Royal Neth. S. S. Co.	Caldara, Chile...	Hamburg, Ger...	General.....	8,381
Santa Inez [2].....	17	17	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N. Y.	General.....	2,357
Laguna [2].....	17	18	Brit...	Pacific Steam Nav.Co.	Talcahuano,Chile	Hull, England...	Metals, gen.	8,553
Dilworth [1].....	17	17	Amer..	Shell Oil Co.....	Los Angeles, Cal.	Sewaren, N. J...	Kerosene....	10,000
Wellington Court.	17	17	Brit...	Seaboard Ship. Co...	Pt. Alberni, B. C.	Garston, England	([15])	8,027
Culebra [13].....	16	18	Amer..	U. S. Army.....	S. Francisco, Cal.	Savannah, Ga...	.....	.....
California Express. [2]	18	18	Nor...	Fruit Express Line...	Seattle, Wash...	Glasgow, Scot...	Fresh fruit..	1,417
Komaki Maru [2]...	18	18	Jap...	Kokusai K. Kaisha..	Iloilo, P. I.....	Houston, Tex...	General.....	7,585
Tacoma Star	18	18	Brit...	Blue Star Line.....	N. West'er, B. C.	Newcastle, Eng..	Frozen, gen.	4,599
Antietam [1].....	18	18	Amer..	Shell Oil Co.....	Los Angeles, Cal.	Baltimore, Md...	Gasoline....	9,129
Thistleford.....	18	18	Brit...	Colonial Sugar Ref...	Suva, Fiji Islands	Lands End [14]....	Sugar.....	7,460
Winslow [5].....	18	19	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
S-45 [7].....	20	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Ino [2].....	20	21	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	375
Castana [1].....	20	20	Amer..	U. S. Tankship Corp.	Hilo, T. H.....	Mobile, Ala.....	Molasses....	8,094
Roda [2].....	20	21	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	General.....	7,610
Lumen [1] [2].....	20	20	Brit...	H. E. Moss & Co....	Los Angeles, Cal.	Lands End [14]....	Gasoline....	8,734
Winslow [5].....	20	...	Amer..	U. S. Army.....	Ped. Miguel, C. Z.	Gamboa, C. Z...	Tow. barge..	.....
Sub Base No. 1 [5].	20	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Comliebank [2].....	20	22	Brit...	Andrew Weir & Co...	Suva, Fiji Islands	Lands End [14]....	Sugar.....	8,290
Tuira [2].....	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	54
Argual.....	21	21	Hond..	United Fruit Co	Pto. Arm'les, R. P.	Mobile, Ala.....	Bananas....	789
Istmo.....	21	22	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	400
Sambu [2].....	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	21
Maria Cristina [2]..	21	...	Pan...	A. Tagaropulos.....	Darien, R. P....	Cristobal, C. Z..	([16])	37
Nagara Maru....	21	22	Jap...	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md...	General.....	5,450
Cerigo.....	21	29	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	1,090
Angol.....	21	22	Chile..	Chile-N. Amer. Line..	Talcahuano,Chile	New York, N. Y.	General.....	6,075
Wales Maru.....	21	22	Jap...	Kawasaki S. S. Co...	Yokohama,Japan	New York, N. Y.	Silk, gen....	4,125
H. M. Storey [1]...	22	22	Amer..	Standard Oil of Calif.	Los Angeles, Cal.	Providence, R. I.	Furnace oil.	14,597
Awobasan Maru [2].	22	22	Jap...	Mitsui & Co.....	Manila, P. I.....	New York, N. Y.	Silk, gen....	6,548
Brazilian Reefer [2].	22	22	Dan...	J. Lauritzen.....	N. West'er, B. C.	Haifa, Palestine..	Apples, pears	1.413
Moveria [2].....	22	22	Brit...	Donaldson Line.....	Vancouver, B. C.	Glasgow, Scot...	General.....	4,730
Ashburton [2].....	22	23	Brit...	Trinder Anderson Co.	Gladstone,Aus'lia	Halifax, N. S...	Sugar.....	7,700

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [11] Mine planter. [13] Dredge. [14] For orders. [15] Lumber, wheat. [16] Bananas, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
CressingtonCourt[2]	22	23	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	Liverpool, Eng..	Grain, lum..	8,500
Oakland[2].....	23	23	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General.....	7,546
South Wales.....	23	23	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	Hull, England...	Grain, lum..	9,430
Washington[2].....	24	25	Fr....	French Line.....	Vancouver, B. C.	Havre, France...	General.....	8,187
Santa Clara Valley.[2]	24	24	Brit...	Sir W. R. Smith & Son	Dairen, China...	Cobh, I. F. S.[13].	Soy beans...	8,250
Leticia[2].....	24	28	Pan...	A. Tagaropulos.....	Darien, R. P....	Cristobal, C. Z..	Bananas....	48
Fortuna[2].....	24	10	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	70
Baron Fairlie....	24	24	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Grain, lum..	8,800
Chateau Thierry[5].	21	25	Amer..	U. S. Army.....	Balboa, C. Z....	New York, N. Y.	Army stores.	128
Salvador.....	24	30	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Crissobal, C. Z..	General.....	187
Tai Shan[2].....	24	25	Pan...	Wilb. Wilhelmsen...	Davao, P. I....	New York, N. Y.	Gen., lumber	6,116
Sona[2].....	23	25	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	29
Sambu[2].....	24	25	Pan...	A. Valdes.....	Bayano, R. P....	Cristobal, C. Z..	Bananas....	30
Chilore.....	25	25	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,000
Caledonian Monarch.	24	25	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lumber, gen.	8,200
Lina L. D.....	25	25	Fr....	Louis Dreyfus & Co..	Vancouver, B. C.	London, England	Lumber, gen.	8,263
Santa Clara.....	25	26	Amer..	Grace Line.....	Talcahuano,Chile	New York, N. Y.	General.....	5,978
Cumberland.....	25	25	Brit...	FederalSteamNav.Co.	N. Plym'th, N. Z.	London, England	Frozen, gen.	6,493
El Mirlo[1] [2].....	25	26	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru	Donges, France..	Crude oil...	11,453
Trois Ilets.....	26	27	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	222
Siantar[2].....	26	26	Neth..	Silver Java Pac. Line.	Portland, Oreg...	Calcutta, India..	Lumber, gen.	5,490
Gro.....	26	26	Nor...	Wessel, Duval & Co..	Tocopilla, Chile..	Wilmington,N. C.	Nit. of soda.	6,619
Archangelos.....	26	26	Greek.	Gildemeister & Co....	Pto.Chic'ma, Peru	Liverpool, Eng..	Sugar.....	8,000
Athelsultan[1] [2]...	26	27	Brit...	United Molasses Co..	Hawaiian Islands	Liverpool, Eng..	Molasses....	13,400
Brimanger[2].....	26	27	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Le Havre, France	Wheat, fruit.	7,276
Rio Pirris[2].....	26	27	C. R..	United Fruit Co.....	Puntarenas, C. R.	Bocas, R. P....	Ballast.....	.....
Clio[2].....	27	28	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	288
Telde.....	27	27	Hond..	United Fruit Co.....	Pto.Arm'les,R.P.	Mobile, Ala.....	Bananas....	288
Rotula[1] [2].....	27	27	Neth..	Shell Oil Co.....	Los Angeles, Cal.	Lands End[13]....	([14])	11,352
K. R. Kingsbury[1]	27	27	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	Tiverton, R. I...	([15])	10,107
Heina[2].....	27	27	Nor...	J. L. Mowinckels....	Pr. Rupert, B. C.	Falmouth,Eng.[13]	Wheat.....	6,800
Roanoke[1].....	27	28	Amer..	The Texas Co.....	Shanghai, China.	Port Arthur, Tex.	Ballast.....	.....
Canada[2].....	28	28	Dan...	East Asiatic Co.....	Vancouver, B. C.	Copenhagen,Den.	General.....	9,235
Gen. Wm. M. Graham.[4]	27	28	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Southern Sun[1] [2].	27	28	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester, Pa.....	Gasoline....	13,505
Osnarbruck[2].....	28	29	Ger...	North German Lloyd.	Corral, Chile....	Bremen, Ger....	General.....	5,681
Southgate.....	28	28	Brit...	Chilean Nitrate Corp.	Iquique, Chile...	Azores[13].....	Nitrate.....	8,415
Waynegate.....	28	28	Brit...	Chilean Nitrate Corp.	Tocopilla, Chile..	Azores[13].....	Nit. of soda.	7,383
Manizales.....	28	29	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	964
Istmo.....	28	29	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	350
Washington Express.[2]	28	28	Nor...	Fruit Express Line...	N. West'er, B. C.	Glasgow, Scot...	Fresh fruit..	1,500
Tuira[2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	60
Sambu[2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	23
Vigdis[1] [2].....	28	29	Nor...	Ancap, Montevideo..	La Libertad, Ecu.	Donges, France..	Crude oil...	9,092
Swiftpool.....	28	29	Brit...	Pool Shipping Co....	Pr. Rupert, B. C.	Falmouth[13].....	Wheat.....	8,270
Garonne[1] [2].....	29	29	Nor...	Fearnley & Eger.....	Los Angeles, Cal.	Elles're Pt., Eng.	Gasoline....	10,080
Chattanooga City	29	29	Amer..	Isthmian S. S. Lines..	Kahului, T. H...	New York, N. Y.	General.....	7,334
Dallington Court.	29	29	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Carstair, Eng....	Lumber....	8,630
Pacific Reliance[2].	29	30	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot...	General.....	7,947
Kirsten Maersk..	29	30	Dan...	A. P. Moller.....	Yavaras, Mexico.	Antwerp,Belgium	Chick peas..	3,400
Orduna.....	30	1	Brit...	Pacific Steam Nav. Co	Talcahuano,Chile	Liverpool, Eng..	General.....	7,768
Dinteldijk[2].....	30	30	Neth..	Holland-Amer. Line..	Victoria, B. C...	Rotterdam, Neth.	General.....	7,260
Kwanto Maru[2]...	30	1	Jap...	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md...	([16])	5,876
Augsburg.....	30	1	Ger...	North German Lloyd.	Sidney, Aust'lia..	Baltimore, Md...	General.....	6,310
Cumbal[2].....	30	30	Amer..	Grace Line.....	Pisco, Peru.....	New York, N. Y.	General.....	2,381
Lebore.....	1	1	Amer..	Bethlehem Steel Co..	Gruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,300
Canadian Highlander.	30	2	Brit...	Mont.-Aust.-N.Z.Line	Auckland, N. Z..	Halifax, N. S....	Frozen, gen.	1,343
Nuevo Panama[2]..	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	95
Grenland.....	1	8	Nor...	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	General.....	211
Bradburn.....	1	1	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	London, England	([17])	7,807
Santa Rita[2].....	1	1	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N. Y.	General.....	3,415
Frank[2].....	1	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	40
Sona[2].....	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	35
Montrolite[1] [2]...	1	2	Brit...	Imperial Oil Co.....	Talara, Peru.....	Halifax, N. S....	Crude oil...	15,611
Este.....	1	2	Ger...	Norddeutscher Lloyd.	Vancouver, B. C.	Hamburg, Ger...	General.....	9,089
Kelvinbank[2].....	2	2	Brit...	Andrew Weir & Co...	Taltal, Chile....	Azores[13].....	Nitrates....	5,520
Vinland[2].....	1	2	Nor...	Scand.-S. Pacific Line.	Valparaiso, Chile.	Copenhagen,Den.	General.....	7,060
Venice Maru.....	2	3	Jap...	Kawasaki K. Kaisha..	Kobe, Japan....	Houston, Tex....	General.....	6,210
Minerva[2].....	2	3	Nor...	C. D. Mallory, Inc...	Powell Riv., B. C.	Houston, Tex....	([18])	6,103
Ingerseks.....	3	3	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Charleston, S. C.	Nitrate.....	7,750
John Bakke[2].....	3	3	Nor...	Knutsen Line.....	Vancouver, B. C.	Belfast, Ireland..	General.....	7,476
Trois Ilets.....	3	4	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	263
Santa Elena.....	3	4	Amer..	Grace Line.....	Ensconada, Mex.	New York, N. Y.	General.....	221

[1] Tanker. [2] Motor ship. [4] Tug. [5] Transport. [13] For orders. [14] Gasoline, kerosene. [15] Gas, furnace oil. [16] Wood oil, general. [17] Lumber, grain. [18] Newsprint and shingles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Ryoyo Maru [2]	3	4	Jap	Seaboard Ship. Co	Vancouver, B. C.	London, England	([14])	7,900
Ino [2]	4	5	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z	General	525
Durazzo	4	13	Ger	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z	General	1,069
Tordene	3	4	Brit	Seaboard Ship. Co	Vancouver, B. C.	London, England	([14])	3,740
Alnmoor	4	4	Brit	W. Runciman & Co.	Ant'fagasta, Chile	Azores [13]	Nitrate	10,100
San Jose	4	4	Amer.	United Fruit Co	Pto. Arm'les, R. P.	Mobile, Ala	Bananas	754
Penelope [1] [2]	4	4	Pan	W. Tankschiff Rhed'i	Talara, Peru	Fawley, England.	Crude oil	11,723
Alaska	4	6	Fr	French Line	Valparaiso, Chile.	Le Havre, France	General	8,795
Ontariolite [1] [2]	4	4	Brit	Imperial Oil Co	Talara, Peru	Fawley, England.	Crude oil	11,266
Snar	4	5	Nor	Polaries S. S. Co	Iquique, Chile	Jacksonville, Fla.	Guano	5,100
Leticia [2]	4	12	Pan	A. Tagaropulos	Darien, R. P	Cristobal, C. Z	Logs	40
Bennekom	5	6	Neth	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger	General	8,457
Bente Maersk [2] [3]	5	5	Dan	Lobitos Oilfields	Cabo Bl'co, Peru	Elles're Pt., Eng.	Crude oil	7,797
San Amado [1] [2]	5	5	Brit	Shell Oil Co	Los Angeles, Cal.	Habana, Cuba	Gasoline	10,700
Leiv Erikson [1] [2]	5	5	Nor	Shell Oil Co	Los Angeles, Cal.	Curacao, D. W. I.	([15])	14,490
Heranger [2]	4	5	Nor	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	6,004
Anna Maersk [2]	5	6	Dan	A. P. Moller	Manila, P. I	Savannah, Ga	General	6,915
Paula	5	5	Dan	West Coast Line	Valparaiso, Chile.	New York, N. Y.	Nitrate, gen.	2,509
Gen. Wm. M. Graham. [4]	5	13	Amer.	U. S. Army	Balboa, C. Z	Cristobal, C. Z		
Sambu [2]	5	6	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	20
Senator [1] [3]	5	6	Nor	Stavanger Tankrederi	Talara, Peru	Aruba, D. W. I.	Benzine	9,587
Rhakotis [2]	6	7	Ger	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger	General	7,749
Teal [4]	6		Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z		
Rotorua	6	6	Brit	N. Z. Shipping Co	Pt. Chalm's, N. Z.	London, England	General	6,371
Parthenia	6	6	Brit	Donaldson Brothers	Vancouver, B. C.	Glasgow, Scot	General	5,851
Ravnaas [2]	6	7	Nor	Canadian Transp. Co.	Vancouver, B. C.	Imming'm, Eng.	Lumber	6,200
Lapwing [4]	7		Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z		
Istmo	7		Pan	Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C. Z	Coffee, gen.	640
Jeff Davis [2]	7	7	Amer.	Roosevelt S. S. Co	Fremantle, Aust	Baltimore, Md	General	7,201
Karnak	7	8	Ger	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger	General	7,805
Fortuna [2]	8	9	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	72
Ionic	8	8	Brit	Shaw, Savill & Albion	New Zealand	England	Frozen, gen.	5,587
Acajutla	8	13	Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z	Coffee, gen.	293
Beloit [2]	8	10	Hond.	W. M. Eden	Amapala, Hond.	Trujillo, Hond	Salt	90
Munchen [2]	8	9	Ger	North German Lloyd.	Corral, Chile	Bremen, Ger	General	6,657
Sambu [2]	8	9	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	23
Sona [2]	8	9	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	29
Frank [2]	8	8	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	40
Tuira [2]	8	9	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	50
L-41 [5]	8		Amer.	U. S. Army	Balboa, C. Z	Cristobal, C. Z		
Kanawha [1]	8	10	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z	Gasoline	54
Nellie	8		Greek	Canadian Transp. Co.	Vancouver, B. C.	Gamboa, C. Z	Wheat, lum.	8,000
Happy Days [2]	9	10	Amer.	Ira C. Copley	Los Angeles, Cal.	Miami, Fla	Ballast	
Antofagasta	9	9	Chile	Chile N. Amer. Line.	Arica, Chile	New York, N. Y.	General	4,884
Tsuyama Maru	9	10	Jap	Nippon Yusen Kaisha	Shanghai, China.	New Orleans, La.	General	5,356
Rangitiki [2]	9	9	Brit	N. Z. Shipping Co	Lyttleton, N. Z.	London, England	Frozen, gen.	5,979
Falsterbo [2]	9	9	Swed	W. L. Comyn	Portland, Oreg.	Rotterdam, Neth.	Wheat, lum.	5,900
Loreto [2]	9	10	Brit	Pacific Steam Nav.Co.	Coronel, Chile	Liverpool, Eng	General	8,166
Santa Barbara [2]	9	10	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,328
Rokos	9	10	Greek	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Wheat, lum.	9,550
Oakworth [2]	9	10	Brit	Seaboard Ship. Co	Pt. Alberni, B. C.	Liverpool, Eng	Wheat, lum.	7,000
Orazio [2]	10	11	Ital	Italia Line	Valparaiso, Chile.	Genoa, Italy	General	3,836
Argual	10	11	Hond.	United Fruit Co	Pto. Arm'les, R. P.	Mobile, Ala	Bananas	775
S-47 [7]	11		Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z		
Clio [2]	11	12	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z	General	370
Nuevo Panama [2]	12	16	Pan	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	27
Cali	12		Ger	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z	General	1,234
Pacific President [2]	12	13	Brit	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot	Wheat, gen.	8,733
Pereira	13	14	Pan	Elliot Ship. & Land Co.	B'ventura, Col	Cristobal, C. Z	Coffee	987
Greylock	13	13	Amer.	Isthmian S. S. Lines.	Kahului, T. H.	New York, N. Y.	([16])	8,658
Trois Ilets	13		Fr	French Line	B'ventura, Col	Cristobal, C. Z	Coffee, gen.	312
Jason	12		Amer.	Boland Cornelius	Seattle, Wash	New York, N. Y.	Ballast	
Nojima Maru [2]	14	14	Jap	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md	General	5,618
Oregon Express [2]	14	14	Nor	Fruit Express Line	N. Westm'r, B. C.	Le Havre, France	Apples, pears	1,130
Bethore	14	15	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md	Iron ore	21,200
Franz Klasen [1] [2]	14	15	Pan	Waried Hamburg	Talara, Peru	Rotterdam, Neth.	([17])	16,437
Cacique	14	16	Amer.	Grace Line	Callao, Peru	New York, N. Y.	General	3,402
Gudenaa	14	15	Dan	D. S. Hexland	Top'bampo, Peru.	New York, N. Y.	Chick peas	1,914
El Oso [1]	14	15	Brit	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Cobh, I. F. S.	Crude oil	9,963
H. S. Albert II [2]	15	15	Brit	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z	Bananas	45
Clio [1] [2]	15	15	Pan	Standard Oil Co	Talara, Peru	Halifax, N. S.	Crude oil	11,577
Leticia [2]	15	15	Pan	A. Tagaropulos	Darien, R. P	Cristobal, C. Z	Bananas	50
Santa Maria [2]	15	15	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	4,111
Mayan	15		Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z	Coffee, gen.	884
Fresno Star	15	15	Brit	Blue Star Line	Vancouver, B. C.	London, England	Frozen, gen.	5,603
Mount Hymettus.	15	15	Greek	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Grain, lum.	8,000

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [13] For orders. [14] Wheat, lumber. [15] Kerosene distillate. [16] Sugar, canned goods. [17] Gas oil, naphtha.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Gen. Wm. M. Graham.[4]	15	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Tuira[2].....	15	16	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	55
Sambu[2].....	15	16	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	19
Boren.....	15	15	Swed..	Transatlantic S. S. Co.	Pt. Pirie, Aus'lia.	Newcastle, Eng..	Copra, lead.	7,766
St. Mihiel[3].....	14	16	Amer..	U. S. Army.....	S. Francisco, Cal.	Brooklyn, N. Y..	Supplies....	138
Sona[2].....	15	16	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	29

[2] Motor ship. [4] Tug. [3] Transport.

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of the Calendar Years 1935 and 1936

The following is a comparison of traffic at Suez and Panama canals for the first 10 months of the calendar years 1935 and 1936:

Month	Suez Canal				Panama Canal		
	Number of transits		Percent		Number of transits		Percent increase
	1935	1936	Increase	Decrease	1935	1936	
January.....	487	533	9.4	.....	425	472	11.1
February.....	410	471	14.9	.....	430	452	5.1
March.....	484	548	13.2	.....	455	526	15 6
April.....	506	490	.....	3.2	432	482	11.6
May.....	481	484	0.6	.....	424	488	15.1
June.....	458	426	.....	7.0	405	481	18.7
July.....	487	466	.....	4.3	377	456	21.0
August.....	503	471	.....	6.4	395	473	19.7
September.....	531	479	.....	9.8	391	466	19.2
October.....	604	490	.....	18.9	441	482	9.3
Total.....	4,951	4,858	.....	1.9	4,175	4,778	14.4

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

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Strike of United States Maritime Employees Causes Decline in Canal Traffic

During November and December, Canal traffic showed a decided drop from the level of previous months, due to the strike of maritime employees in the United States which has paralyzed nearly all shipping on the west coast of the United States since the end of October.

Transits, which had been averaging approximately 15½ vessels daily, dropped to 12.27 in November and 11.00 in December. Tolls dropped from an average of over $67,000 daily, to $49,601.81 in November and $44,077.05 in December. Cargo carried through the Canal, which had been averaging approximately 80,000 tons daily, dropped to 58,245 tons in November and 49,629 in December.

The extent of the decline in transits, tolls and cargo of vessels of United States registry, which are those most seriously affected by the strike, is indicated in the following tabulation:

VESSELS OF UNITED STATES REGISTRY

1936	All vessels			Vessels in U. S. intercoastal trade		
	No. of transits	Tolls	Tons of cargo	No. of transits	Tolls	Tons of cargo
January	164	$746,080.41	774,718	114	$552,172.65	590,940
February	162	745,280.33	813,298	113	540,988.86	608,798
March	177	816,942.87	981,031	120	576,104.12	671,903
April	183	835,675.71	1,023,144	126	594,452.00	702,036
May	172	776,870.77	939,780	123	576,856.12	685,778
June	184	851,323.42	988,783	127	605,255.55	679,808
July	176	829,361.61	975,578	121	590,108.83	676,958
August	176	837,182.14	1,058,420	120	588,137.04	738,867
September	170	809,474.10	1,054,308	112	545,304.58	694,840
October	173	820,583.58	961,630	125	603,402.77	730,897
November	81	379,525.26	485,492	40	211,868.38	252,666
December	51	198,587.66	214,170	5	23,687.25	0

Traffic Through the Panama Canal in December 1936

The total vessels of all kinds transiting the Panama Canal during the month of December 1936, and for the same month in the two preceding years, are shown in the following tabulation:

	December 1934	December 1935	December 1936		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	443	459	192	149	341
Small commercial vessels[1]	53	55	51	38	89
Noncommercial vessels:					
United States Government	27	21	29	20	49
Colombian Government	.....	2	.....	.....	.....
For repairs	4	2	.....	1	1
Total	527	539	272	208	480

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC[2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the calendar year ended December 31, 1936, as compared with the calendar year 1935:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935	1936	1935	1936	1935	1936	1935	1936
January	425	472	2,294,137	2,411,073	1,945,085	2,148,935	$1,911,094.13	$2,018,543.52
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	1,826,999.63	1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
Total	5,052	5,487	26,796,703	27,999,836	24,701,904	27,369,615	22,421,206.62	23,531,581.92

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels[3] for December 1936

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
Argentine	[4] 1	.....	.....	Italian	4	28,820	15,810
British	102	563,359	498,811	Japanese	20	120,203	136,633
Chilean	1	3,886	4,884	Netherlands	16	54,077	40,188
Danish	15	51,329	31,546	Norwegian	65	312,030	267,347
Estonian	1	3,630	6,400	Panamanian	15	55,722	67,660
French	5	27,204	27,573	Swedish	9	43,338	71,166
German	25	102,373	107,402	United States	51	255,378	214,170
Greek	6	26,404	47,513				
Honduran	5	7,748	1,400	Total	341	1,655,501	1,538,503

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Training ship, 2,372 displacement tons.

Traffic by Trade Routes, December 1936

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	4	25,658	.....	1	6,927	.....
East coast United States and:						
Canada	3	11,888	3,014	1	5,142	6,103
Central America	7	27,648	631	7	27,066	5,943
South America	26	110,905	20,855	21	88,638	207,821
Hawaiian Islands	2	10,900	11,484	2	10,943	17,208
Australasia	7	45,644	35,301	2	10,328	14,748
Philippine Islands	6	35,353	39,886	5	28,516	35,133
Far East	21	119,060	153,376	8	45,330	44,208
Canadian intercoastal	2	10,857	6,830	.....	.....	.....
East coast Canada and:						
United States	1	4,401	6,763	.....	.....	.....
South America	2	8,213	3,709	2	12,846	27,188
Australasia	6	31,570	29,213	1	4,415	1,343
Far East	2	9,308	13,964	.....	.....	.....
East coast Central America and Australasia	2	8,276	12,251	.....	.....	.....
South American intercoastal	5	15,996	25,289	.....	.....	.....

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
East coast South America and:						
Canada	2	9,337	10,022	.....	.....	.....
Far East	1	5,821	4,452	.....	.....	.....
Cristobal and:						
Central America	4	4,088	3,136	4	4,088	1,661
South America	10	6,333	2,808	12	7,807	9,275
West Indies and:						
United States	2	11,307	.....	3	18,226	35,904
South America	2	9,725	19,408	2	6,535	11,611
Balboa	1	4,376	9,129	.....	.....	.....
Europe and:						
United States	13	64,448	11,131	.....	.....	.....
Canada	25	148,080	27,280	39	201,025	280,786
Central America	1	3,442	2,780	1	3,442	1,174
South America	20	112,927	38,670	25	143,003	219,815
Hawaiian Islands	1	5,249	5,821	.....	.....	.....
Australasia	8	59,270	41,581	9	72,695	62,913
Far East	.....	.....	.....	2	9,683	15,235
Africa and:						
United States	1	4,161	.....	.....	.....	.....
Canada	1	2,039	.....	.....	.....	.....
Asia and Canada	.....	.....	.....	1	1,946	1,650
Foreign vessels in ballast (United States intercoastal)	4	20,620	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[5] 1	.....	.....
Total	192	946,900	538,784	149	708,601	999,719

[5] Training ship.

Origin and Destination of Cargo by Major Areas, December 1936

The following table summarizes the origin of cargo passing through the Canal in December 1936, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	.....	24,242	194,491	19,016	33,339	271,088
Other North America	6,798	20,318	10,784	30,217	43,770	111,887
Europe	25,015	15,942	.....	36,390	41,237	118,584
Miscellaneous	8,106	2,154	2,187	24,778	.....	37,225
Total	39,919	62,656	207,462	110,401	118,346	538,784

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	.....	35,904	3,721	618	40,243
Canada	6,103	3,989	272,368	620	283,080
Other North America	22,926	2,066	2,114	.....	27,106
South America	211,060	54,046	210,586	18	475,710
Australasia	18,980	1,489	58,292	.....	78,761
Asia	74,788	4,027	15,235	769	94,819
Total	333,857	101,521	562,316	2,025	999,719

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during December 1936 or December 1935 are listed below:

Commodity	December 1935	December 1936	Commodity	December 1935	December 1936
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	11,294	6,239	Canned goods, various	85,827	3,290
Asphalt and tar	19,328	21,224	Coffee	14,356	15,681
Automobiles and parts	28,278	25,290	Cold storage, food products [6]	29,420	26,217
Canned goods, various	11,328	4,830	Flour	36,483	2,519
Cement	11,128	9,228	Fruit, dried	24,024	353
Cotton, raw	56,151	53,303	Fruit, fresh [7]	32,904	19,260
Iron and steel manufactures	119,717	35,177	Lumber	232,816	134,275
Machinery	13,044	11,253	Metals, various	51,718	50,396
Metals, various	16,673	18,536	Molasses and syrups	15,570	1,826
Oils, mineral	47,058	64,881	Nitrates	108,348	87,440
Ores, various	15,061	15,649	Oats	5,427	12,872
Paper and paper products	34,040	41,344	Oils, mineral	257,359	159,567
Phosphates	18,229	28,587	Oils, vegetable	21,963	14,914
Scrap metal	42,448	29,509	Ores	119,158	159,470
Sugar	15,746	158	Paper and paper products	16,394	5,702
Sulphur	26,445	20,036	Rubber, raw	13,851	6,724
Textiles	11,928	6,284	Soy beans	17,447	15,235
Tinplate	20,673	23,516	Sugar	78,602	62,865
Wood pulp	7,226	12,660	Wheat	99,686	104,821
Pacific to Atlantic			Wood pulp	11,299	1,846
Barley	17,009	684	Wool	7,461	13,928
Beans	11,093	3,776			

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of December 1936, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal [8]		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	2	.....
Agricultural implements	.....	.....	2,377	.....
Ammonium compounds	.....	.....	6,239	199
Animal foods [9]	.....	.....	.....	463
Apparel, wearing (hats, shoes, clothing, etc.)	.....	.....	5	24
Asbestos	.....	.....	3,555	.....
Asphalt and tar	.....	.....	21,224	20
Automobiles (and autotrucks)	.....	.....	17,819	2
Automobile parts and accessories	.....	.....	7,471	.....
Bags and bagging, textile	.....	.....	211	162
Bamboo and products	.....	.....	.....	485
Bananas	.....	.....	.....	4,977
Barks, miscellaneous	.....	.....	.....	184
Barley	.....	.....	10	684
Beans, edible, dry	.....	.....	13	3,776
Beer	.....	.....	203	.....
Beverages, nonalcoholic	.....	.....	6	.....
Blood and tankage	.....	.....	934	6
Bones and bonemeal	.....	.....	752	.....
Bran and pollards	.....	.....	14	4,149
Bricks and tile	.....	.....	541	.....
Camphor, crude	.....	.....	.....	84
Canned and preserved goods:				
Fish	.....	.....	493	2,741
Fruit	.....	.....	674	300
Meat	.....	.....	729	35
Milk	.....	.....	835	135
Soup	.....	.....	581	.....
Vegetables	.....	.....	522	24
Miscellaneous and unclassified	.....	.....	996	55
Carbon black	.....	.....	1,053	.....
Cement	.....	.....	9,228	.....
Chalk	.....	.....	383	.....
Charcoal	.....	.....	314	.....
Chemicals [9]	.....	.....	5,513	271
Clay, china and fire	.....	.....	199	.....
Clay, filtering	.....	.....	9	.....

[8] Note.—There was no intercoastal cargo during December. [9] Except as otherwise classified.

Commodity	United States intercoastal [8]		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Coal			1,722	
Cocoa and cacao beans			620	866
Coconuts and products [9]			2	
Coffee			3,176	15,681
Cold storage and refrigerated products:				
Dairy products			147	18,057
Eggs				189
Fish			258	589
Lard			190	
Meats			78	7,195
Poultry				60
Vegetables			2	
Other and unclassified			29	127
Confectionery			112	
Copra			380	3,454
Copra meal and cake				2,357
Cotton, raw			53,303	4,607
Creosote			17	1,199
Drugs and medicines			185	6
Dyes			175	35
Earthenware				25
Eggs, dried				170
Electrical apparatus and appliances			313	53
Explosives			274	
Extract, quebracho			870	
Fertilizers [9]			684	
Fish, salted or dry-cured			10	
Fish meal				6,347
Floor coverings			51	476
Flour			685	2,519
Fruit, dried			39	353
Fruit, fresh [9]			1,716	19,260
Furniture and household goods			48	
Gallnuts				25
General			34,071	4,981
Glass and glassware			2,612	534
Glue				42
Grains [9]			3,558	632
Groceries			68	213
Guano				5,100
Gums				92
Hair, all kinds			10	185
Hay				320
Hemp, unmanufactured			166	1,253
Honey				30
Hops			131	
Horns and hoofs				19
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)			35,177	132
Ivory nuts				2,686
Jute, unmanufactured			204	9
Lard substitute			6	
Liquors			1,385	7
Lumber (including manufactured mill products)			722	134,275
Machinery			11,253	101
Malt			603	36
Manufactured goods [9]			2,048	1,277
Marble and granite			186	
Matches			120	
Metals:				
Copper			3,673	34,128
Gold and silver				24
Iron			6,732	
Lead			4,518	9,988
Tin			1,407	896
Zinc			1,879	5,300
Other and unclassified			327	60
Milk, powdered			28	723
Molasses and syrups			87	1,826
Nitrates			2,730	87,440
Nuts, edible (including meats)			16	15
Oats				12,872
Oils, mineral:				
Crude			66	97,580
Gas and fuel			48,423	6,489
Gasoline, benzine, and naphtha			4,212	27,479
Kerosene			334	27,956
Lubricating and greases			11,815	63
Other and unclassified			31	

[8] Note.—There was no intercoastal cargo during December. [9] Except as otherwise classified.

Commodity	United States intercoastal [8]		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Oils, vegetable:				
Coconut			22	12,141
Cottonseed			684	20
Linseed			262	15
Olive			681	
Peanut				831
Rapeseed			10	
Wood			2	1,704
Other and unclassified			247	203
Oil, fish			137	747
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)			602	222
Oilseed cake and meal				7,617
Ores:				
Antimony				1,084
Chrome				11
Copper			6,763	4,118
Gold and silver			8,100	1,706
Iron				129,000
Lead				3,718
Magnesite				746
Manganese			164	7,386
Tin			17	3,809
Zinc			75	6,467
Other and unclassified			530	1,425
Paints and varnishes			1,813	
Paper and paper products [9]			39,776	5,702
Paper scrap			1,568	
Peanuts				7
Peas, dry				1,990
Peatmoss			585	
Phosphates			28,587	
Porcelainware			1,060	4,080
Potash			882	902
Pyrethrum flowers				519
Rags and waste			298	4,600
Railroad material			554	
Rice			2,996	1,614
Rope and twine			59	50
Rosin			3,469	
Rubber:				
Manufactured			199	185
Raw			24	6,724
Scrap			161	56
Salt			2,908	
Sand			31	
Scrap metal			29,509	493
Seeds (except oilseeds)			204	661
Shells, oyster			521	151
Silk, raw			10	2,497
Skins and hides			348	2,658
Slag			300	
Soaps and products			165	
Soda and sodium compounds:				
Soda ash			1,305	205
Soda, caustic			4,088	
Miscellaneous and unclassified			30	2,705
Soy beans			95	15,235
Sugar			158	62,865
Sulphur			20,036	1,136
Talc			70	181
Tallow			1	577
Tea			70	1,152
Textiles [10]			6,284	9,604
Tinplate			23,516	455
Tobacco and manufactures			6,466	15
Toilet preparations			16	145
Turpentine			30	
Vegetables, dry [9]			508	112
Wallboard			454	
Wax, paraffin			1,459	311
Wheat			19	104,821
Wines			313	1,378
Wood pulp			12,660	1,846
Wool			294	13,928
Total, December 1936			538,784	999,719
Total, December 1935	178,972	434,592	708,851	1,478,880
Total, December 1934	162,528	517,356	669,155	1,420,155

[8] Note.—There was no intercoastal cargo during December. [9] Except as otherwise classified. [10] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of December 1936, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	41,027	.....	.....	.....	.....
East coast United States and:						
South America	1	7,796	.....	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,902	[11] 6,680
East coast Canada and:						
South America	.....	.....	.....	2	12,846	27,188
South American intercoastal	3	14,522	23,457	.....	.....	.....
West Indies and:						
United States	2	11,307	.....	3	18,226	35,904
South America	2	9,725	19,408	1	4,726	9,583
Balboa	1	4,376	9,129	.....	.....	.....
Europe and:						
United States	4	25,793	.....	.....	.....	.....
South America	5	32,278	.....	7	43,683	86,829
Africa and United States	1	4,161	.....	.....	.....	.....
Total	26	150,985	51,994	14	83,383	166,184

[11] Coconut oil.

Comparison of Canal Traffic in December 1936, with December Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of December			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[12] 98	342	453	1915	[14] 100	[14] 361	[14] 486
1915	[13] 5	8	12	1916	60	199	258
1916	144	467	540	1917	145	483	588
1917	147	482	563	1918	165	547	627
1918	162	533	630	1919	162	510	576
1919	254	927	924	1920	199	712	781
1920	257	1,027	1,077	1921	232	950	966
1921	234	1,017	952	1922	222	951	907
1922	299	1,375	1,535	1923	325	1,550	1,631
1923	500	2,516	2,495	1924	429	2,179	2,249
1924	403	1,989	2,266	1925	382	1,904	1,996
1925	458	2,257	2,358	1926	424	2,064	2,169
1926	436	2,133	2,308	1927	441	2,184	2,311
1927	567	2,615	2,572	1928	521	2,453	2,468
1928	569	2,697	2,713	1929	524	2,485	2,554
1929	510	2,547	2,523	1930	502	2,497	2,502
1930	483	2,472	2,165	1931	447	2,314	2,089
1931	383	2,033	1,649	1932	364	1,977	1,650
1932	384	2,078	1,620	1933	347	1,900	1,513
1933	476	2,617	2,191	1934	436	2,379	2,059
1934	443	2,331	2,089	1935	432	2,317	2,109
1935	459	2,383	2,188	1936	449	2,335	2,209
1936	341	1,656	1,538	([15])	457	2,333	2,281

[12] Canal opened August 15, 1914. [13] Canal closed part of month due to slides. [14] Average for 10½ months of fiscal year ended June 30, 1915. [15] Average for calendar year 1936.

Terminal Activities

Ships repaired during the month of December 1936 numbered 47; of this number 14 were drydocked. Fuel oil in the quantity of 351,214 barrels was delivered as bunkers to 127 commercial ships. Bunker coal amounting to 4,508 tons was delivered to 28 commercial ships. Sales of commissary supplies to ships aggregated $47,452.46.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ... tons..	36,299	22,244	58,543
Local cargo arriving ... tons..	21,459	4,980	26,439
Local cargo shipped ... tons..	3,172	604	3,776
Cargo received for transshipment ... tons..	42,328	1,954	44,282
Cargo transshipped ... tons..	41,436	2,154	43,590
"Canal Zone for Orders" cargo:			
Number of receipts issued ...	5	.....	5
Number of releases issued ...	50	18	68
Tons received ...	32	.....	32
Tons withdrawn ...	40	8	48

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal...	421	2,497,132	1,460,124	378	2,109,717	1,244,267
Vessels entering port but not transiting Canal.	60	429,399	244,484	11	43,917	27,767
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	119	683,597	400,340	93	544,529	317,980
Ships clearing						
All vessels, including those transiting Canal...	415	2,491,041	1,454,683	379	2,103,962	1,240,391
Vessels clearing port but not transiting Canal.	59	426,009	240,426	13	45,871	31,930
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	118	693,892	406,971	92	536,096	312,777

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, December 15, 1936, to midnight, January 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Losada, 111, 0
Buenaventura, 1,867, 586
Gertrude Kellogg, 7,560, 0
Weser, 139, 251
Eidsvold, 467, 0
Benjamin Franklin, 30, 0
Quirigua, 189, 55
Reina del Pacifico, 18, 94
Sixaola, 389, 61
Kinai Maru, 1,100, 189
Ino, 595, 30
Calamares, 527, 253
Pasajero, 0, 9½
Nansenville, 63, 116
Pereira, 661, 0
Wyoming, 301, 449
Santa Elena, 1,542, 99
Pastores, 255, 1,124
Istmo, 0, 134
Cali, 0, 216
Cerigo, 1,257, 390
Seattle, 53, 2
Mayan, 0, 999
Quirigua, 58, 15
Elbe, 51, 644
Lautaro, 10, 80
Cefalu, 105, 931
Virgilio, 187, 53
Delftdijk, 154, 78
Cadmus, 0, 1,596
Barneveld, 0, 84
Alkmaar, 346, 206
Venezuela, 292, 2
Katsuragi Maru, 170, 5 pkgs.
Hermonthis, 250, 0
Itauri, 83, 271
Salvador, 298, 950
Nagara Maru, 0, 226
Argentina, 21, 214
Indra, 31, 0
Santa Lucia, 785, 23
Ancon, 2,583, 962
Santa Rita, 0, 2
Cumbal, 0, 202
Skagerak, 766, 0
Sesostris, 165, 360
Palatia, 196, 445
Santa Barbara, 770, 300
Santa Paula, 21, 91
Meton, 724, 0
Balboa, 11, 0
West Ira, 141, 0
Tai Ping Yang, 505, 0
Istmo, 713, 91
Peten, 142, 33
Tivives, 769, 260
Clio, 413, 170
Hardanger, 103, 0
Curaca, 80, 532
Fortuna, 42, 51
Manizales, 1,258, 308
Nuevo Panama, 71, 38
Ulua, 351, 276
Venezuela, 26, 982
Cordillera, 417, 17
Colombia, 209, 1,363
Darian, 185, 0
Arizona, 1,308, 0
Shinko Maru, 892, 1
Peten, 105, 235
Chimu, 354, 20
Amapala, 60, 798
Santa Inez, 192, 2
Drechtdijk, 179, 242
Malvina, 13,994, 0
Santa Maria, 530, 193
De La Salle, 469, 1,809
Buenos Aires, 93, 0
Europa, 28, 0
Velma Lykes, 368, 408
Guayaquil, 1,592, 645
Orbita, 22, 67
Phoenicia, 125, 228
Chiriqui, 4, 0
Veragua, 120, 24
Metapan, 529, 46
Costa Rica, 183, 1
Ino, 544, 167
Mantilla, 4,713, 0
Fulda, 46, 295
Tokai Maru, 643, 88
Haiti, 576, 1,184
Toloa, 218, 61
Duesseldorf, 402, 184
Feltre, 50, 2 cases
Grenland, 104½, 8
Istmo, 712, 97
Arminda, 428, 0
Trois Ilets, 359, 0
Schwaben, 124, 189
Durazzo, 1,289, 217
Veragua, 126, 83
Annie Johnson, 36, 236
Gertrude Maersk, 480, 0
Leiv Eiriksson, 13,979, 0
Leuna, 40, 324
Nuevo Panama, 74,144
Cefalu, 108, 1,289
Cordillera, 31, 350
Vancouver, 129, 100½
Punta Arenas, 216, 0
Nictheroy, 506, 139
Santa Lucia, 592, 568
Santa Clara, 528, 73
Acajutla, 721, 737
Cristobal, 2,734, 961
Kurama Maru, 380, 2 pkgs.
R. L. Hustler, 1½, 0
Quirigua, 205, 40
Deroche, 1,419, 0
Santa Elena, 26, 393
Clio, 476, 476
Castilla, 220, 25
Lochkatrine, 231, 115
San Francisco, 701, 313
Alton, ¼, 0
Noto Maru, 875, 0
Baarn, 66, 264
Adalia, 0, 691
Pastores, 172, 1,012¾
Calamares, 208, 136¼
Istmo, 359, 158
Cali, 1,334, 0
Cacique, 247, 277½
Breda, 0, 91
Cellina, 167, 706
Costa Rica, 19, 797
Trois Ilets, 304, 182
San Antonio, 841, 582

BALBOA

Weser, 161, 0
Benjamin Franklin, 805, 0
Santa Elena, 0, 64
Cumbal, 0, 11
Mayan, 0, 56
Chateau Thierry, 311, 164
Santa Lucia, 40, 0
Nagara Maru, 46, 0
Alkmaar, 145, 0
Mataroa, 37, 0
Tai Ping Yang, 254, 0
West Ira, 0, 516
Capac, 300, 0
Curaca, 40, 15
Sepia, 8,461, 0
Argual, 0, 1
Santa Inez, 12, 0
Republic, 851, 360
Atago Maru, 349, 0
Santa Maria, 152, 0
Buenos Aires, 803, 0
Santa Maria, 4,700, 0
Dusseldorf, 93, 0
Fulda, 900, 10
Manizales, 33, 518
Santa Clara, 34, 17
Deroche, 3,025, 0
Santa Lucia, 92, 2
Frida, 167, 0
Santa Elena, 4, 35
Charcas, 250, 0
El Mirlo, 12,043, 0
Cellina, 521, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,763, embarking 1,875; at Balboa, 505 disembarking and 807 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,492, from the Pacific to the Atlantic 2,525. Aircraft numbering 58 entered Cristobal, and 230 passengers disembarked; clearances were 58, with 212 embarking; at Balboa entries of aircraft numbered 56, with 73 passengers disembarking; clearances were 56, with 134 embarking.

Comparison of Traffic at the Suez and Panama Canals for the First Eleven Months of the Calendar Years 1935 and 1936

The following is a comparison of traffic at the Suez and Panama Canals for the first 11 months of the calendar years 1935 and 1936:

Month	Suez Canal			Panama Canal		
	Number of transits		Percent increase	Number of transits		Percent increase
	1935	1936		1935	1936	
January	487	533	9.4	425	472	11.1
February	410	471	14.9	430	452	5.1
March	484	548	13.2	455	526	15.6
April	506	490	[1] 3.2	432	482	11.6
May	481	484	6	424	488	15.1
June	458	426	[1] 7.0	405	481	18.7
July	487	466	[1] 4.3	377	456	21.0
August	503	471	[1] 6.4	395	473	19.7
September	531	479	[1] 9.8	391	466	19.2
October	604	490	[1] 18.9	441	482	9.3
November	548	511	[1] 6.9	418	368	[1] 11.9
Total	5,499	5,369	[1] 2.4	4,593	5,146	12.0

[1] Decrease.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Movements of Ocean Vessels Through the Panama Canal

From midnight December 15, 1936, to midnight January 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Queen Victoria [2]	15	16	Brit...	Westralian Farmers..	Three Riv., Can.	Sydney, Aust'lia.	Newsprint..	5,389
Nuevo Panama [2]	12	16	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	Gen., lumber	135
Houston City [2]	16	16	Brit...	Reardon Smith Line.	Galveston, Tex..	Seikoshin, Japan.	Cotton, phos.	8,962
Waimana	16	16	Brit...	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	5,800
Steel Mariner	16	16	Amer..	Isthmian S. S. Lines..	Philadelphia, Pa.	Belawan Deli, Su.	Steel, gen...	8,129
Ancylus [1] [2]	16	16	Brit...	Anglo-Saxon Pet. Co.	Tyne, England..	Los Angeles, Cal.	Ballast	.....
Canadian Challenger.	16	17	Brit...	Mont.-Aust.-N.Z. Line	Pt. Alfred, Can..	Melbourne, Aust.	Paper	4,038
Mathilda	16	16	Nor...	Chile. Nit. Sales Corp.	Norfolk, Va.	Taltal, Chile	Ballast	.....
Tuira [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Sona [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Sambu [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Enoch [3]	16	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Alberni [1] [3]	13	17	Brit...	Canadian Govt.	Quebec, Canada.	Vancouver, B. C.	Ballast	.....
Clintonia	16	17	Brit...	Chile. Nit. Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	.....
Wellfield [1] [2]	16	17	Brit...	Standard Oil of N. J..	La Guayra, Ven..	SanAntonio, Chile	Fuel oil	8,162
Marpessa	17	17	Greek.	Canadian Transp. Co.	Galveston, Tex..	Pt. Alice, B. C.	([14])	3,014
Weser [2]	17	18	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General	2,740
Mill Hill	17	17	Brit...	Anglo-Can. S. S. Co..	Mobile, Ala.	Williamsh'd, B. C.	Ballast	.....
Nollington Court	17	17	Brit...	United Shipping Co..	Cardiff, Eng.	Vancouver, B. C.	Ballast	.....
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Tow. barge..	.....
Indianapolis [1] [2]	18	18	Amer..	U. S. Navy	Charleston, S. C.	Los Angeles, Cal.	Ballast	.....
H. S. Albert II [3]	18	...	Brit...	George Gough	Colon, R. P.	Balboa, C. Z.	Ballast	.....
Chester [1] [2]	18	18	Amer..	U. S. Navy	Charleston, S. C.	Los Angeles, Cal.	Ballast	.....
Benj, Franklin [3]	17	19	Nor...	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	Cement, gen.	2,656
Fordsdale	17	18	Brit...	Shaw, Savill & Albion	London, England	New Zealand	General	8,568
Beaconstreet [1]	18	18	Brit...	Standard Oil of N. J..	La Guayra, Ven.	Tocopilla, Chile..	Fuel oil	11,677
Santa Rita [2]	18	19	Amer..	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,592
Frank [3]	18	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Gertrude Kellogg [1]	17	19	Amer..	Kellogg S. S. Co	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	.....
Ino [2]	18	19	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General	26
Trentbank	19	19	Brit...	Bank Line, Ltd.	Galveston, Tex..	Adelaide, Aus'lia.	General	8,009
La Plata Maru [2]	19	19	Jap...	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	Cotton, gen.	4,452
Cumbal [2]	18	20	Amer..	Grace Line	New York, N. Y.	Pisco, Peru	General	1,207
Stigstad [1] [2]	19	20	Nor...	A. F. Klaveness & Co.	Dakar, Africa	Los Angeles, Cal.	Ballast	.....
Santa Elena	19	20	Amer..	Grace Line	New York, N. Y.	S. Francisco, Cal.	Gen., coffee.	380
Amsterdam [1]	20	20	Neth.	Standard Oil of N. J..	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Canadian Reefer [2]	20	20	Dan...	J. Lauritzen	Algiers, Africa	Vancouver, B. C.	Ballast	.....
Olympia [2]	20	20	Dan...	Chile. Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile..	Ballast	.....
Istmo	7	20	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col.	General	150
Cali	12	20	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General	581
Lt. Col. H. C. Schumm. [4]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Maria Cristina [3]	20	20	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
Real [3]	19	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Enoch [3]	20	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z. [15]	.....	.....
Launch	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
San Jose	20	21	Amer..	United Fruit Co.	New Orleans, La.	Pto. Arm'les, R. P.	Ballast	.....
Lebore	20	21	Amer..	Bethlehem Steel Co..	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Minerva [2]	21	21	Nor...	Chile. Nit. Sales Corp.	Houston, Tex.	Tocopilla, Chile..	Ballast	.....
Pacific Pioneer [2]	21	21	Brit...	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	445
Mayan	15	22	Amer..	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General	866
San Quirino [1]	21	21	Brit...	Eagle Oil & Ship. Co.	Curacao, D. W. I.	Guayaquil, Ecua.	Fuel oil	6,881
Starcross	21	21	Brit...	Anglo-Can. S. S. Co..	Sunderland, Eng.	Vancouver, B. C.	Ballast	.....
Teal [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
No. 211 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Tow. barge..	.....
Captain Harry [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
J-26 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
J-55 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Virgilio [2]	21	22	Ital...	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	614
Lautaro [2]	21	22	Brit...	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	2,597
Welcombe	21	22	Brit...	Andrew Weir & Co..	Three Riv., Can..	Melbourne, Aust.	Newsprint..	5,033
Delftdijk [2]	21	22	Neth..	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,698
Awobosan Maru [2]	21	22	Jap...	Mitsui Bussan Kaisha	Boston, Mass.	Kobe, Japan	Rosin, gen..	6,012
Caledonia [1] [2]	22	22	Nor...	Shell Oil Co. of Calif.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
W. M. Delphia [3]	21	22	Hond..	W. S. McNab	Roatan, Hond.	Amapala, Hond.	Ballast	.....
Chateau Thierry [8]	22	23	Amer..	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	348
Southern Sun [1] [2]	22	22	Amer..	Sun Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	.....
Sambu [2]	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Sona [2]	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Tuira [2]	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Nagara Maru [2]	22	23	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Gen., steel..	7,413
Niel Maersk [2]	22	23	Dan...	Isbrandtsen Moller..	Boston, Mass.	Iloilo, P. I.	General	7,250

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [10] Mine sweeper. [12] Cruiser. [13] Lighthouse tender. [14] Sulphur, rosin, etc. [15] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Fortuna [3]	23	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Itauri	22	23	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile	General	5,061
Tuscaloosa City	23	23	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Hawaiian Islands	General	5,103
Tweedbank [2]	23	23	Brit.	Andrew Weir & Co.	Boston, Mass.	Shanghai, China	General	5,400
Wales Maru	23	23	Jap.	Kawasaki K.Kaisha	Galveston, Tex.	Yokohama, Jap.	Cotton, gen.	7,295
King James [2]	23	23	Brit.	J. J. Moore & Co.	Manchester, Eng.	Los Angeles, Cal.	Ballast	.....
Alkmaar	22	24	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,733
Taiwan	23	24	Nor.	Wilhelm Wilhelmsen.	Newp't News,Va.	Yokohama, Jap.	([16])	8,360
City of Evansville	23	24	Brit.	Ellerman Lines, Ltd.	New York, N. Y.	Adelaide, Aust.	General	3,830
Gro	23	24	Nor.	Nitrate Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	.....
Atlanticos	24	24	Greek	Canadian Transp. Co.	Botwood, Nfd.	Tacoma, Wash.	([17])	6,763
Indra [2]	23	24	Nor.	Knut Knutsen,O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	General	3,400
Marna	24	24	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano,Chile	General	1,340
Romsdalshorn	24	24	Nor.	Nitrate Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Leticia [3]	24	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
L-41 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Me "N" Pop [13]	...	...	Amer.	P. F. Hauss, Jr.	Gatun, C. Z.	Cristobal, C. Z.	Ballast	.....
Aflater [13]	...	...	Amer.	L. A. Ebdon	Gatun, C. Z.	Cristobal, C. Z.	Ballast	.....
Santa Barbara [2]	24	25	Amer.	Grace Line	New York, N. Y.	Talcahuano,Chile	General	2,597
Omaha [12]	25	...	Amer.	U. S. Navy	Colombia	Balboa, C. Z.	Ballast	.....
Manley [9]	25	...	Amer.	U. S. Navy	Colombia	Balboa, C. Z.	Ballast	.....
Steel Engineer	25	25	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Kahului, T. H.	General	6,381
Balboa [2]	25	25	Swed.	Johnson Line	Stockholm, Swed.	S. Francisco, Cal.	General	3,031
Balch [9]	24	...	Amer.	U. S. Navy	Norfolk, Va.	Valparaiso, Chile.	Ballast	.....
Trontolite [1] [2]	25	26	Brit.	Imperial Oil Co.	Barranquilla,Col.	B'ventura, Col.	Gasoline	3,618
Komaki Maru [2]	26	26	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Osaka, Japan	Cotton, gen.	7,987
West Ira	25	...	Amer.	Pac.-Arg.-Brazil Line.	Rosario, Arg.	Vancouver, B. C.	General	5,232
El Aleto [1] [2]	26	26	Brit.	C. T. Bowring & Co.	Ellesm'rePt.,Eng.	La Libertad, Ecu.	Ballast	.....
Taranger [2]	26	26	Nor.	Interocean S. S. Corp.	Rotterdam,Neth.	Los Angeles, Cal.	Passengers	.....
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecu.	General	154
Curaca	26	27	Amer.	Grace Line	New York, N. Y.	Arica, Chile	General	2,291
Erviken	26	26	Nor.	Chile Nit. Sales Corp.	Rotterdam Neth.	Tocopilla, Chile.	Ballast	.....
Enoch [3]	26	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]	.....	.....
Meton [1]	24	27	Amer.	Shell Eastern Pet. Co.	Houston, Tex.	S. Francisco, Cal.	Ballast	.....
Hardanger	26	27	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B. C.	Gen., maize.	4,790
Remuera	27	28	Brit.	N. Z. Shipping Co.	London, England	Timaru, N. Z.	General	4,817
Haugarland	26	27	Nor.	Anglo-Can. S. S. Co.	Cardiff, Eng.	Vancouver, B. C.	Ballast	.....
Stensby [2]	26	27	Dan.	Anglo-Can. S. S. Co.	Baltimore, Md.	Williamsh'd B.C.	Ballast	.....
Ingerseks	27	27	Nor.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Northumberland [2]	27	28	Brit.	N. Z. Shipping Co.	Glasgow, Scot.	Dunedin, N. Z.	General	4,533
Heimvard [2]	27	27	Nor.	Mitsubishi Shoji K.	Mobile, Ala.	Yawata, Jap.	Scrap iron	8,148
Istmo	25	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	480
Sepia [1] [2]	26	30	Brit.	Anglo-Saxon Pet. Co.	Curacao, B.W.I.	Balboa, C. Z.	Fuel oil	9,129
Frank Seamans	27	28	Nor.	American Metal Co.	Norfolk, Va.	Los Villos, Chile.	Ballast	.....
Sawokla [2]	24	27	Amer.	Roosevelt S. S. Co.	New York, N. Y.	Frem'tle, Aus'lia.	General	2,374
Cerigo	19	27	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecu.	General	495
Kingfisher [5]	...	...	Amer.	H. P. Parker	Cristobal, C. Z.	Balboa, C. Z.	([19])	.....
Milli [14]	...	...	Amer.	H. P. Parker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Kayak	...	...	Amer.	W. Simms, Jr.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Kayak	...	...	Amer.	W. Simms, Jr.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Argual	27	28	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les,R.P.	Ballast	.....
Roger B. Taney [15]	27	29	Amer.	U. S. Navy	Philadelphia, Pa.	San Diego, Cal.	Ballast	.....
Nuevo Panama [2]	26	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les,R.P.	General	65
Harald Brovig [1] [2]	27	28	Nor.	T. Brovig	Bremen, Ger.	Talara, Peru.	Ballast	.....
Tento [2]	28	28	Nor.	E. B. Aaby	Tampico, Mexico	Sydney, Aust'lia.	Asphalt	6,200
Fortuna [3]	26	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	110
Salvador	22	29	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	950
Trois Ilets	13	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Sambu [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Maria Cristina [3]	28	28	Pan.	A. Tagaropulos	Colon, R. P.	Real, R. P.	General	3
Gregalia	28	29	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	649
City of Birmingham.	28	29	Brit.	Ellerman Lines, Ltd.	Baltimore, Md.	Shanghai, China	General	4,743
Real [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Kwanto Maru [2]	29	30	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	Autos, gen.	8,840
Lincoln Ellsworth. [1] [2]	30	30	Nor.	T. Dannevig & Co.	New Orleans, La.	Los Angeles, Cal.	Ballast	.....
President de Vogue. [1] [2]	29	30	Nor.	Comp.des Prod.Chim. et Raff. de Berre.	Port de Bouc, Fr.	Talara, Peru.	Ballast	.....
Grelhead	30	30	Brit.	Fargrave St. Nav. Co.	Sydney, C. B.	Iquique, Chile	Ballast	.....
Santa Maria [2]	30	31	Amer.	Grace Line	New York, N. Y.	Talcahuano,Chile	General	1,239
Tornus [1] [2]	30	30	Brit.	Anglo-Saxon Pet. Co.	Goth'burg,Swed.	Los Angeles, Cal.	Ballast	.....
Buenos Aires [2]	30	2	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B. C.	General	4,707

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [11] Mine planter. [12] Cruiser. [13] Sailboat. [14] Sea sled. [15] Coast Guard Cutter. [16] Phosphate, cotton. [17] Copper concentrates. [18] For bananas and return to Cristobal. [19] Towing sea sled Milli.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Risanger	31	31	Nor.	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile.	Ballast	
California Express.[2]	31	31	Nor.	Fruit Express Line	Glasgow, Scot.	Seattle, Wash.	Ballast	
Europa.[2]	31	31	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	246
Napierstar	30	31	Brit.	Blue Star Line	London, England	Wellington, N. Z.	General	5,797
Ripley[2]	31	1	Brit.	Anglo-Can. S. S. Co.	Sunderland, Eng.	Los Angeles, Cal.	Ballast	
Col. Riche[5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Iolanda[6]	31	1	Amer.	Mrs. Moses Taylor	S'ampton, Eng.	Honolulu, T. H.	Ballast	
Tudorstar	1	1	Brit.	Blue Star Line	Glasgow, Scot.	Vancouver, B. C.	Ballast	
Bethore	1	1	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Chiriqui[2]	31	1	Pan.	Elliot Ship. & Land Co.	Limhamn, Swed.	Balboa, C. Z.	General	63
Orbita	31	1	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,275
Phoenicia[2]	31	1	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	S. Jose de Guat.	General	1,909
Stirlingville[2]	1	1	Nor.	Chile Nit. Sales Corp.	London, England	Tocopilla, Chile.	Ballast	
Birmingham City	1	2	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	Gen., steel	5,898
Real[2]	31		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Peter Hurll[1 2]	2	2	Pan.	W. Tankschiff Rhed'i.	New York, N. Y.	Talara, Peru.	Ballast	
Cape Wrath	2	2	Brit.	Lyle Shipping Co.	Cardiff, England.	Ant'fagasta, Chile	Ballast	
Salvus	2	2	Brit.	W. H. Seager & Co.	Liverpool, N. S.	Brisbane, Aus'lia.	Newsprint	4,159
Canadian Highlander.	2	3	Brit.	Mon.-Aust.-N. Z. Line	Halifax, N. S.	Bluff, N. Z	General	2,700
Angol	2	2	Chile.	Chile-N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	General	4,358
Durham[2]	2	3	Brit.	N. Z. Shipping Co.	Newport, Eng.	Dunedin, N. Z.	General	10,704
Leo Dawson	2	3	Brit.	Edwardian S. S. Co.	Norfolk, Va.	Chile	Ballast	
Ino[2]	1	2	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	151
Palo Seco[2]	2	2	C. R.	Ban. de Costa Rica	Pt. Limon, C. R.	Puntarenas, C. R.	Rails	214
Fulda[2]	1	4	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	7,874
Cabimas[1]	30		Col.	Colombian Govt.	Cartagena, Col.	Balboa, C. Z.	Drydocking	
Feltre[2]	2	3	Ital.	Nav. Libera Triestina	Trieste, Italy	Vancouver, B. C.	General	1,325
Henrik Ibsen	2	3	Nor.	Chile. Nit. Sales Corp.	Norfolk, Va.	Taltal, Chile	Ballast	
Austvard[2]	2	3	Nor.	Kloster S. S. Co.	Habana, Cuba.	Yokohama, Japan	Scrap iron	6,506
Manizales	26	5	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	485
Margaret S-II	3	4	Brit.	Sable Island Ship. Co.	Port Limon, C. R.	Vancouver, B. C.	Ballast	
Ashburton[2]	2	4	Brit.	N. Z. Shipping Co.	Halifax, N. S.	Melbourne, Aus.	Newsprint	4,267
L-53[5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	([13])	
Tuira[2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona[2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-44[7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-45[7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Selje	3	4	Nor.	Chile. Nit. Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	
Elise[1 2]	3	4	Nor.	Anglo-Saxon Pet. Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	
Pacific Ranger[2]	3	4	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,098
Telde	3	4	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Lapwing[10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Schwaben	3	4	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	3,999
Frederika Lensen.	4	4	Brit.	Chile Nit. Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	
Trois Ilets	3	4	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Lontue	31	4	Chile.	Martinez & Pereria	Hamburg, Ger.	Valparaiso, Chile.	Coke	800
Peterston	4	5	Brit.	Anglo-Can. S. S. Co.	Mobile, Ala.	Williamsh'd, B. C.	Ballast	
Istmo	3	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	175
Mallard[10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Motor Sailer			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Gen. Wm. M. Graham.[11]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Port Hardy	4	5	Brit.	Port Line	Philadelphia, Pa.	Adelaide, Aus'lia.	Gen., autos.	5,124
Silverwalnut[2]	4	5	Brit.	Kerr S. S. Co.	Baltimore, Md.	Far East	General	7,750
Washington Express.[2]	5	5	Nor.	Fruit Express Line	Glasgow, Scot.	N. Westm'er, B. C.	Ballast	
Janeta	5	5	Brit.	Soyuspromexport	Lenin'd, U.S.S.R.	Tacoma, Wash.	Gold ore	5,835
Sydhav[1 2]	5	5	Nor.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Leiv Eirikksson[1 2]	4	6	Nor.	T. Dannevig & Co.	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	
Beloit[3]	4	6	Hond.	W. M. Eden	Port Limon, C. R.	Amapala, Hond.	Ballast	
Sysla[1 2]	5	6	Nor.	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	
Nuevo Panama[2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	185
Ramsay	6	7	Brit.	Goodman & Co.	Antwerp, Belg.	Auckland, N. Z.	Basic slag	6,600
Real[2]	5		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu[2]	5		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Winslow[5]			Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	
Enoch[3]	6		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]		
Santa Lucia	6	7	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,564
Vancouver	6	7	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	1,464
Aritz Mendi	7	7	Span.	Anglo-Can. S. S. Co.	Bilbao, Spain	Vancouver, B. C.	Ballast	
Gryfevale	7	7	Brit.	Chile Nit. Sales Corp.	Portland, Eng.	Iquique, Chile	Ballast	
Chiva[6]	6		Amer.	F. & C. Crockett	Neanport, N. C.	New Guinea	Ballast	
Athelviscount[1 2]	7	7	Brit.	United Molasses Co.	Avonmouth, Eng.	Los Angeles, Cal.	Ballast	
Chesapeake[1 2]	7	9	Brit.	Standard Oil of N. J.	Plymouth, Eng.	Los Angeles, Cal.	Ballast	
Athelduke[1 2]	7	7	Brit.	United Molasses Co.	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	
Svealand[2]	7	8	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [10] Mine sweeper. [11] Mine planter. [13] Towing barge No. 205. [14] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Gen. Wm. M. Graham.[11]	5	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Maria Cristina[3]..	7	7	Pan...	A. Tagaropulos.....	Colon, R. P.....	Real, R. P.....	General.....	3
Bengal Maru.....	7	8	Jap...	Nippon Yusen Kaisha	Bremen, Ger..	Osaka, Japan..	([15])	4,848
Talamanca[5].....	7	8	Pan...	United Fruit Co.....	Cristobal, C. Z..	Puntarenas, C. R.	([16])	.....
No. 31052[13].....	..	8	Pan...	United Fruit Co.....	Cristobal, C. Z..	Puntarenas, C. R.	Ballast.....	.....
Samuel Bakke[2]..	7	8	Nor...	Knutsen Line.....	Belfast, Irleand..	Vancouver, B. C.	Ballast.....	.....
Frida.....	7	9	Dan...	J. Lauritzen.....	New York, N. Y.	Talcahuano,Chile	General.....	1,192
Helmspey.....	7	8	Brit...	Canadian Transp. Co.	Quebec, Canada.	Tacoma, Wash..	([17])	7,102
Besholt[2].....	7	8	Nor...	IsbrandtsenMollerCo.	Norfolk, Va.....	Manila, P. I.....	General.....	5,186
Lochkatrine[2].....	8	9	Brit...	Royal Mail Lines.....	Rotterdam,Neth.	Vancouver, B. C.	([18])	1,077
Nordvard[2].....	8	9	Nor...	Anglo-Can. Ship. Co..	Boston, Mass....	Vancouver, B. C.	Ballast.....	.....
El Mirlo[1] [2].....	9	...	Brit...	Socony Vac. Oil Co..	Trinidad, B. W. I.	LaLibertad,Ecua.	Fuel oil.....	12,043
Clio[2].....	8	9	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	432
Seminole[1] [2].....	9	9	Brit...	Standard Oil of N. J..	Falmouth, Eng.	Los Angeles, Cal.	Ballast.....	.....
Madrono[1].....	9	9	Nor...	Standard Oil of N. J..	Aruba, D. W. I..	SanAntonio,Chile	Fuel oil.....	8,443
Arna[2].....	9	9	Nor...	States Marine Corp..	New York, N. Y.	Yokohama,Japan	Scrap iron...	7,066
San Francisco....	8	10	Fr...	French Line.....	Dunkerque, Fr..	Vancouver, B. C.	General.....	2,900
Amerikaland[2]....	9	10	Swed..	Ore S. S. Corp.....	New York, N. Y.	Cruz Gr'de, Chile	Ballast.....	.....
Tai Shan[2].....	10	10	Pan...	W. Wilhelmsen.....	New York, N. Y.	Shanghai, China.	General.....	4,987
Montgomery City	10	10	Amer..	Isthmian S. S. Lines..	New York, N. Y.	Hilo, T. H.....	General.....	6,339
Baarn.....	9	11	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger...	Valparaiso, Chile.	General.....	2,518
Durazzo.....	3	11	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	250
Acajutla.....	6	10	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	700
Real[2].....	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Panama, R. P...	Ballast.....	.....
Sona[2].....	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Panama, R. P...	Ballast.....	.....
Col. Riche[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Heinrich V. Riedemann.[1] [2]	15	16	Pan...	W. Tankschiff Rhed'i	Talara, Peru....	Le Havre, France	Crude oil...	16,227
Risanger.....	16	16	Nor...	Chile. Nit. Sales Corp.	Tocopilla, Chile.	Mobile, Ala.....	Nitrates....	8,400
Losada[2].....	15	16	Brit...	Pacific Steam Nav.Co.	Tocopilla, Chile.	Liverpool, Eng..	General.....	8,514
PacificCommerce[2]	16	16	Brit...	Canadian Transp. Co.	Pt. Alice, B. C.	London, England	General.....	7,934
Nellie	8	16	Greek.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,000
Mansepool.....	16	16	Brit...	Seaboard Ship. Co...	Nanoose	London, England	Wheat, lum.	8,085
S-45[7].....	17	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
S-44[7].....	17	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
S-46[7].....	17	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Presidente Sarmiento.[14]	11	17	Argen.	Argentine Govt.....	S. Francisco, Cal.	Buenos Aires, Arg.	.....	.....
Eidsvold.....	17	18	Nor...	Kawasaki K. Kaisha.	Shanghai, China.	New York, N. Y.	General.....	3,630
Launch.....	17	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Svealand[2].....	17	18	Swed..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore....	21,900
Omaha[1] [2].....	18	19	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Mallard No. 44[4]..	18	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Reina del Pacifico[2]	17	18	Brit...	Pacific Steam Nav.Co.	SanAntonio,Chile	Liverpool, Eng..	General.....	4,363
Manley, No. 74[9].	18	19	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Telde.....	18	18	Hond..	United Fruit Co.....	Pto.Arm'les,R.P.	Mobile, Ala.....	Bananas....	625
Kinai Maru[2].....	17	19	Jap...	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md...	General.....	6,323
Maria Cristina[3]..	17	20	Pan...	A. Tagaropulos.....	Darien, R. P....	Cristobal, C. Z..	([19])	52
Ino[2].....	18	19	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	540
Nansenville[2].....	18	19	Nor...	Fred Olsen & Co.....	Vancouver, B. C.	London, England	Gen., grain..	7,133
Justitia.....	18	19	Brit...	Andrew Weir & Co...	Suva, Fiji Is....	United Kingdom.	Sugar.....	8,208
Wyoming.....	19	20	Fr...	French Line.....	Vancouver, B. C.	Rotterdam, Neth.	General.....	7,189
Fortuna[2].....	19	23	Pan...	Farari.....	Darien, R. P....	Colon, R. P.....	Bananas....	51
Cerigo.....	19	27	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	1,143
Siljestad[2].....	19	19	Nor...	Fern Line.....	Manila. P. I.....	N. Atlantic pts.[20]	Sugar.....	7,532
Pereira.....	19	20	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	603
Real[2].....	19	20	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	32
Olympos.....	19	20	Greek.	G. Coulothros.....	Vancouver, B. C.	London, England	Wheat, gen..	7,230
Seattle[2].....	20	20	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	Lumber, gen.	7,576
Lavington Court.	19	20	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	Liverpool, Eng..	([21])	8,706
Laila.....	20	20	Dan...	West Coast Line.....	Corral, Chile....	Habana, Chile...	Oats.....	2,028
African Reefer[2]..	20	20	Dan...	J. Lauritzen.....	N. West'er, B. C.	Haifa, Palestine..	Fresh fruit..	1,650
Steel Age.....	21	21	Amer..	Isthmian S. S. Lines..	Kaanopali, T. H.	East coast, U. S.	Sugar.....	8,550
H. S. Albert II[2]..	21	21	Brit...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	49
Frank[2].....	21	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	29
Sambu[2].....	20	22	Pan...	A. Valdes.....	Bayano, R. P...	Cristobal, C. Z..	Bananas....	23
Tuira[2].....	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	48
Sona[2].....	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	29
Elbe[2].....	21	22	Ger...	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger...	General.....	6,233
Amerikaland[2]....	21	22	Swed..	Ore S. S. Corp.....	Cruz Gr'de, Chile	New York, N. Y.	Iron ore....	21,700
Cydonia.....	21	22	Brit...	Chile. Nit. Sales Corp.	Tocopilla, Chile..	Jacksonville, Fla.	Nitrate.....	6,300
Jersey[2].....	21	22	Brit...	Seaboard Ship. Co...	Pt. Alberni, B. C.	London, England	([22])	8,770

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [11] Mine planter. [13] Cruiser. [13] Barge. [14] Training ship. [15] Scrap iron, cotton. [16] Towing barge No. 31052. [17] Gold concentrates. [18] Cottonseed oil and general. [19] Lumber, plantain. [20] For orders. [21] Wheat, lumber. [22] Wheat, wood.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Llanishen	21	22	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	London, England	([14])	7,672
Hermonthis [2]	21	23	Ger.	Hamburg-Amer. Line.	Talcahuano, Chile	Hamburg, Ger.	General	6,095
Asosan Maru [2]	21	22	Jap.	Mitsui Bussan Kaisha	Cebu, P. I.	Baltimore, Md.	Silk, gen.	7,340
Barfonn [1 2]	21	22	Nor.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	13,416
Barneveld	22	23	Neth.	Royal Neth. S. S. Co.	Coquimbo, Chile.	Hamburg, Ger.	General	8,259
Yomachichi [2]	22	22	Amer.	Roosevelt S. S. Co.	Adelaide, Aus'lia.	Baltimore, Md.	General	7,547
Salvador	22	28	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	273
Katsuragi Maru [2]	22	23	Jap.	Kokusai Line	Penang, Mal. Pen.	New York, N. Y.	General	7,660
Argentina [2]	22	23	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Grain, fruit.	6,162
L-41 [4]	23	24	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Corrientes	23	23	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scot.	Fruit, gen.	5,372
Teal [4]	23	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Lucia	23	24	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	6,315
Haxby	23	23	Brit.	Seaboard Ship. Co.	Nanoose	Hull, England	([14])	8,580
Roosevelt [4]	12	24	Amer.	Wash. Tug & Barge.	Seattle, Wash.	New York, N. Y.	Ballast	.....
Ferndale [2]	24	24	Nor.	East Asiatic Co.	Seishin, N. Kor.	Aarhus, Den.	Soy beans	7,185
Maria Cristina [2]	23	24	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Lumber	6
New Zealand Star [2]	24	24	Brit.	Blue Star Line	Auckland, N. Z.	London, England	Frozen, gen.	8,326
Skagerak [2]	18	25	Nor.	"K" Line, Kobe	Keelung, Japan.	New York, N. Y.	General	3,633
Santa Paula	24	25	Amer.	Grace Line	Los Angeles, Cal.	New York, N. Y.	General	854
Pacific Exporter [2]	24	24	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,275
Palatia [2]	24	25	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	1,174
Mataroa	24	25	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	4,192
San Jose	25	25	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	800
Berganger [2]	24	25	Nor.	Interocean Line	Vancouver, B. C.	London, England	Grain, gen.	8,230
Trelyon	25	25	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	Lands End [13]	Sugar	7,262
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	377
Marore	24	25	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Martin Bakke [2]	25	25	Nor.	Knutsen Line	Vancouver, B. C.	Liverpool, Eng.	General	7,100
Tai Ping Yang [2]	25	26	Pan.	Barber-Wilhelmsen	Davao, P. I.	New York, N. Y.	General	6,769
Istmo	25	27	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	([15])	642
Eestirand	25	26	Eston.	Chile. Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nit. of soda.	6,400
Nuevo Panama [2]	25	28	Pan.	Elliot Ship. & Land Co.	El Real, R. P.	Cristobal, C. Z.	Bananas	85
Manizales	26	...	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,145
Sambu [2]	26	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Caithness	26	26	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	([16])	8,800
Fortuna [2]	26	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Spencer Kellogg [1]	26	26	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil.	6,680
Samnanger	26	27	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nitrates	7,000
Adderstone	26	27	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Liverpool, Eng.	Lumber, gen.	6,735
Arizona	27	28	Fr.	French Line	Valparaiso, Chile.	Le Havre, France	General	8,719
Trelissick	27	27	Brit.	Seaboard Lumber Co.	Vancouver, B. C.	London, England	Lum., wheat.	7,415
Shinko Maru [2]	27	28	Jap.	Kawasaki K. Kaisha.	Tsingtao, China.	Baltimore, Md.	General	5,752
Sydhav [1 2]	27	27	Nor.	Anglo-Saxon Oil Co.	S. Francisco, Cal.	Curacao, D. W. I.	([17])	10,714
Chimu [2]	28	28	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,592
Tuira [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	59
Sona [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Real [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Nestos	29	29	Greek.	S. Livanos Co.	Pto. Chi'ma, Peru	Lands End [13]	Sugar	7,966
Gen. W. M. Graham. [4]	29	4	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Inez [2]	29	29	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	3,743
Drechtdijk [2]	29	30	Neth.	N. Pac. Coast Line	Vancouver, B. C.	Rotterdam, Neth.	General	9,581
Eli [2]	29	30	Nor.	Anglo-Can. S. S. Co.	Victoria, B. C.	Grangem'h, Scot.	General	7,124
Steelore	30	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Gaelic Star	30	31	Brit.	Blue Star Line	N. West'er, B. C.	Newcastle, Eng.	Frozen, gen.	5,097
Thermopylae [2]	30	30	Nor.	Wilh. Wilhelmsen	Pt. Pirie, Aust'lia	London, England	Wool, gen.	9,190
Chr. Knudsen [2]	30	30	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Garston, England	Wheat, lum.	7,800
Republic [8]	29	31	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	1,119
Leeds City	30	31	Brit.	Mitsubishi	Dairen, China	Azores [13]	Soy beans	8,050
Real [2]	30	1	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Empty drums	9
Dino	30	31	Ital.	Corrado S. S. Co.	Iquique, Chile	Azores [13]	Nitrates	8,500
Bronnoy [2]	31	31	Nor.	Wessel, Duval & Co.	Tocopilla, Chile.	Baltimore, Md.	([18])	7,972
Winslow [5]	31	6	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Torvanger	31	1	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrates	10,536
Argual	1	1	Hond.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	770
Ino [2]	1	2	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	494
Dusseldorf [2]	1	3	Ger.	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	6,063
San Quirino [1]	1	2	Brit.	Eagle Oil Ship. Co.	Guayaquil, Ecua.	Pto. Mexico, Mex	Ballast	.....
Tokai Maru [2]	1	2	Jap.	Osaka Shosen Kaisha.	Keelung, Japan.	Baltimore, Md.	General	5,953
Reginolite [1 2]	1	2	Brit.	Imperial Oil Ship. Co.	Talara, Peru	Halifax, N. S.	Crude oil	11,665
Grenland	2	3	Nor.	Grace Line	Champ'ico, Guat.	New Orleans, La.	General	2,311
Effingham	2	2	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	General	5,888
Invella	2	2	Brit.	Colonial Sugar Ref.	Suva, Fiji Is.	United Kingdom	Raw sugar.	7,011
Tuira [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Sona [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Chilore	3	3	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Tilthorn	2	3	Nor.	Anglo-Can. Ship. Co.	Crofton, B. C.	London, England	Gen., lumber	9,107
Maria Cristina [2]	3	3	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([19])	12
Trois Ilets	2	4	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	325

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [13] For orders. [14] Grain, lumber. [15] Platinum, coffee. [16] Wheat, lumber. [17] Kerosene distillate. [18] Nitrates, potash. [19] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Istmo	3	4	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, gen..	642
Baron Haig	3	3	Brit...	H. Hogarth & Sons...	Caleta Pat'e, Chile	Dunkerque, Fr..	Guano	5,380
Durazzo	3	10	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	General	1,172
Silverpalm [2]	3	3	Brit...	Kerr S. S. Co	Vancouver, B. C.	Capetown, S. A..	Lumber, gen.	7,800
Kingfisher [2]	3	...	Amer..	H. P. Parker	Balboa, C. Z.	Cristobal, C. Z..	([14])	.....
Sea Sled Millie	3	...	Amer..	H. P. Parker	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
Leiv Eiriksson [1] [2]	3	6	Nor...	T. Dannevig Co	Los Angeles, Cal.	Cristobal, C. Z..	Diesel oil	13,985
Gertrude Maersk [2]	3	5	Dan...	A. P. Moller	Manila, P. I.	New York, N. Y.	General	5,992
El Aleto [1] [2]	4	4	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru.	Langerbrugge	Crude oil	10,017
Geddington Court	4	4	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng..	Lumber	8,600
Harald Brovig [1] [2]	4	4	Nor...	International Pet. Co.	Talara, Peru	Hamburg, Ger..	([15])	14,025
Annie Johnson [2]	4	5	Swed..	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	General	6,122
British Columbia Express. [2]	4	4	Nor...	Fruit Express Line	N. Westm'er, B.C.	Le Havre, Fr.	Fruit	2,453
Winslow [5]	4	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	Tow. barge..	.....
Leuna	4	5	Ger...	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger..	General	7,899
W. M. Delphia [2]	4	5	Hond..	W. S. McNab	Amapala, Hond..	Pto. Castilla, Hon.	Salt	80
Llanarth	5	5	Brit...	Seaboard Ship. Co	Vancouver, B. C.	London, England	Lum., grain	7,746
Nuevo Panama [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	89
Fortuna [2]	4	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	35
Rangitata [2]	4	5	Brit...	N. Z. Shipping Co	Wellington, N. Z.	London, England	Frozen, gen..	6,618
Lapwing [4]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
H. M. Storey [1]	5	5	Amer..	Barry Sons Co., Inc..	Los Angeles, Cal.	Tiverton, R. I	([16])	14,000
Sambu [2]	4	6	Pan...	Antonio A. Valdes	Bayano, R. P.	Cristobal, C. Z..	Bananas	25
L-41 [5]	5	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Real [2]	5	6	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	41
Gen. Wm. M. Graham. [4]	5	7	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Acajutla	5	10	Brit...	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z..	General	704
Hyphaestos	5	6	Greek.	Anglo-Can. Ship. Co.	Vancouver, B. C.	Liverpool, Eng..	Wheat, lum.	6,522
District of Columbia. [1]	5	6	Amer..	Standard Oil of Calif.	Los Angeles, Cal.	Providence, R. I.	Furnace oil..	9,092
Santa Clara	5	7	Amer..	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,972
Nictheroy	6	7	Brit...	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth.	General	8,295
Punta Arenas	6	7	Chile..	Chile N. Amer. Line.	Valparaiso, Chile.	New York, N. Y.	General	4,930
Steel Inventor	6	6	Amer..	Isthmian S. S. Co	Kahului, T. H.	New York, N. Y.	([18])	7,985
New Westminster City.	6	7	Brit...	L. Dreyfus & Co	Dairen, China	Rotterdam, Neth.	Soy beans..	7,300
Moldanger [2]	6	7	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	London, England	Grain, gen..	7,720
President De Vogue. [1] [2]	6	7	Nor...	Ciedes Prod. Chimiques	Talara, Peru	Pt. de Bouc, Fr..	Crude oil	13,829
Trontolite [1] [2]	6	7	Brit...	Imperial Oil Co	Talara, Peru	Halifax, N. S.	Gasoline	7,500
Chelan	5	7	Amer..	U. S. Coast Guard	Seattle, Wash	Boston, Mass.	.....	.....
Chilean Reefer [2]	7	7	Dan...	J. Lauritzen	N. Westm'er, B.C.	Casabl'a, Mor.	Fresh fruit..	1,280
Kurama Maru [2]	7	7	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	8,051
Talamanca [2]	7	8	Pan...	United Fruit Co	Puntarenas, C. R.	Cristobal, C. Z..	Ballast	.....
Mount Atlas	7	7	Greek.	Canadian Transp. Co.	Vancouver, B. C.	S'ampton, Eng..	Grain, lum..	8,600
Fernglen [2]	7	7	Nor...	Fern Line	Iloilo, P. I.	New York, N. Y.	Sugar	8,500
Winslow [5]	7	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	Tow. barge..	.....
Telde	8	8	Hond..	United Fruit Co	Pto. Arm'les, R.P.	Mobile, Ala	Bananas	636
Clio [2]	8	9	Neth..	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z..	General	432
Oilpioneer [1] [2]	7	8	Brit...	Standard Oil Co	El Segundo, Cal..	Lands End, Eng.	Benzine	8,084
Ville de Strasbourg	8	8	Fr...	Messageries Marit'es.	Noumea, N. Caled	Marseille, France.	General	5,217
Hoperange [2]	8	8	Brit...	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [17]	Nitrates	8,600
Ancylus [1]	8	8	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	([19])	11,707
Tongariro	8	8	Brit...	N. Z. Shipping Co	Wellington, N. Z.	Glasgow, Scot	Frozen, gen.	6,568
Deroche [2]	7	9	Amer..	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J..	Solvent	6,659
Santa Elena	8	9	Amer..	Grace Line	Los Angeles, Cal.	New York, N. Y.	Peas, coffee.	191
Nordnes [2]	8	8	Nor...	Can. Gulfline S. S. Co.	Powell Riv., B. C.	Houston, Tex.	Newsprint	7,024
Phyllis K. [2]	8	...	Amer..	Diez & Powell	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
Brynje [2]	8	9	Nor...	Canadian Transp. Co.	Vancouver, B. C.	Newcastle, Eng..	Wheat, lum	6,435
Leda [1] [2]	8	9	Pan...	Standard Oil Co	Talara, Peru	Le Havre, France	Crude oil	11,985
Noto Maru [2]	9	9	Jap...	Nippon Yusen Kaisha	Keelung, Japan..	New York, N. Y.	General	5,966
Quarrington Court	9	9	Brit...	Canadian Transp. Co.	Brit. Columbia..	London, England	Lum., grain.	9,800
Istmo	9	11	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z..	Coffee	358
Cali	9	...	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	General	1,213
Dorothy A. [5]	9	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Real [2]	9	10	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	18
Sona [2]	9	10	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	14
Peter Hurll [1] [2]	9	10	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	Fawley, England.	Crude oil	16,533
Lebore	10	10	Amer..	Bethlehem Steel Co.	Cruz Gr'de, Chile	Baltimore, Md..	Iron ore	21,300
Cellina [2]	9	11	Ital...	Nav. Libera Triestina.	Vancouver, B. C.	Trieste, Italy	General	4,476
Breda	10	10	Neth..	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger..	General	9,027
Trois Ilets	10	12	Fr...	French Line	B'ventura, Col.	Cristobal, C. Z..	Coffee	266
San Antonio	10	11	Fr...	French Line	Vancouver, B. C.	Le Havre, Fr.	General	6,115
Pacific Shipper [2]	10	10	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot	General	8,164
Clintonia	10	10	Brit...	Nitrate Corp., London	Iquique, Chile	Azores [17]	Nitrates	5,000
L-55 [5]	10	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [14] Towing sea sled. [15] Naphtha, gas oil. [16] Furnace oil. [17] For orders. [18] Sugar, pineapples. [19] Gasoline, benzine.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

THE PANAMA CANAL RECORD

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

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Traffic Through the Panama Canal in January 1937

The total vessels of all kinds transiting the Panama Canal during the month of January 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	January 1935	January 1936	January 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	425	472	210	189	399
Small commercial vessels [1]	59	44	53	44	97
Noncommercial vessels:					
United States Government	44	41	27	11	38
Colombian Government	.....	1	1	.....	1
For repairs	3	2	.....	.....	.....
Total	531	560	291	244	535

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the twelve months ended January 31, 1937, as compared with the previous twelve months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
February	430	452	2,205,057	2,322,013	1,836,383	2,155,031	$1,826,999.63	$1,952,682.73
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	2,018,114.62	2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
Total	5,099	5,414	26,913,639	27,504,550	24,905,754	27,076,617	22,528,656.01	23,111,361.91

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for January 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 122	669,056	624,290	Netherlands	17	45,356	45,963
Chilean	5	13,629	12,979	Norwegian	75	362,010	384,348
Costa Rican	1	337	214	Panamanian	17	55,838	53,851
Danish	18	71,717	57,087	Peruvian	1	1,640	1,313
Estonian	1	2,337	.....	Spanish	3	12,722	.....
French	7	37,132	26,676	Swedish	9	42,954	63,812
German	30	118,188	121,946	United States	54	292,014	280,807
Greek	4	15,899	27,322	United States of Soviet Republics	1	4,339	.....
Honduran	9	14,062	3,870				
Italian	5	37,252	19,199				
Japanese	20	119,305	132,260	Total	399	1,915,787	1,855,937

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[4] Includes naval vessel of 1,360 tons displacement.

Traffic by Trade Routes, January 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily shown the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	4	28,462	710	7	41,203	71,093
East coast United States and:						
Canada	7	33,001	.....	2	9,492	13,359
Central America	6	33,650	510	7	18,110	6,372
South America	33	136,283	22,246	23	103,230	227,874
Hawaiian Islands	3	16,088	19,359	2	10,699	16,467
Australasia	6	38,941	34,194	1	4,629	7,151
Philippine Islands	9	51,335	53,604	11	64,870	83,491
Far East	17	98,202	121,677	8	43,697	46,800
East coast Canada and:						
United States	1	4,454	7,102	.....	.....	.....
South America	1	4,455	.....	4	22,008	43,819
Australasia	4	18,135	16,679	4	21,100	24,093
Central American intercoastal	1	337	214	.....	.....	.....
East coast Central America and:						
South America	1	4,069	7,424	1	4,212	.....
Australasia	1	4,533	7,300	.....	.....	.....
South American intercoastal	2	2,373	2,493	.....	.....	.....
East coast South America and:						
Canada	2	9,740	12,048	.....	.....	.....
Central America	1	1,399	.....	.....	.....	.....
Far East	1	7,624	4,565	.....	.....	.....
Cristobal and:						
United States	1	7,481	.....	1	7,481	13,985
Central America	3	2,994	2,149	3	3,039	2,719
South America	14	8,448	3,876	15	9,481	11,136
West Indies and:						
United States	3	15,582	.....	6	31,404	62,556
South America	2	8,204	8,443	2	13,818	28,332
Balboa	3	18,096	28,448	.....	.....	.....
Far East	1	4,010	6,506	.....	.....	.....
Europe and:						
United States	18	106,428	5,835	3	14,724	27,726
Canada	30	160,826	36,388	43	214,156	310,687
Central America	2	5,979	4,752	1	3,508	1,923
South America	16	86,086	39,826	25	128,699	220,613
Hawaiian Islands	1	743	.....	.....	.....	.....
Australasia	11	86,984	61,861	14	99,568	86,551
Far East	1	6,345	.....	4	20,765	31,901
Asia and west coast Canada	1	2,023	.....	1	2,039	1,280
Around the world	1	3,448	.....	1	6,305	7,800
Vessels not engaged in commerce	[5] 2	792	.....	.....	.....	.....
Total	210	1,017,550	508,209	189	898,237	1,347,728

[5] Includes 1 naval vessel.

Origin and Destination of Cargo by Major Areas, January 1937

The following table summarizes the origin of cargo passing through the Canal in January 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	.....	21,634	175,554	17,460	28,500	243,148
Other North America	7,741	33,072	6,506	27,382	34,075	108,776
Europe	24,768	19,167	.....	36,993	56,815	137,743
Miscellaneous	10,068	2,661	2,872	2,297	644	18,542
Total	42,577	76,534	184,932	84,132	120,034	508,209

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	69,710	77,924	28,357	.....	175,991
Canada	13,360	4,704	311,304	4,916	334,284
Other North America	22,348	3,540	3,089	.....	28,977
South America	224,906	87,910	218,909	49	531,774
Australasia	20,462	12,031	85,302	.....	117,795
Asia	130,997	3,179	24,731	.....	158,907
Total	481,783	189,288	671,692	4,965	1,347,728

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during January 1937 or January 1936, are listed below:

Commodity	January		Commodity	January	
	1936	1937		1936	1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*	*Long tons*	*Long tons*
Ammonium compounds	15,238	4,351	Bananas	12,727	5,119
Asphalt and tar	18,411	17,582	Barley	30,475	596
Automobiles and parts	32,743	23,291	Beans	18,695	6,203
Cement	9,848	13,069	Canned goods, various	74,617	8,086
Coal and coke	20,968	5,204	Coffee	13,915	18,796
Cotton, raw	40,085	27,557	Cold storage (food products) [6]	35,343	38,133
Iron and steel manufactures	99,337	40,418	Copra	7	17,290
Machinery	13,411	11,185	Flour	28,015	1,982
Metals, various	9,674	28,362	Fruit, dried	24,557	305
Nitrates	17,187	9,332	Fruit, fresh [7]	30,626	23,077
Oils, mineral	33,362	74,593	Lumber	214,079	146,346
Ores, various	12,583	13,651	Metals, various	44,016	29,069
Paper and paper products	27,567	28,785	Nitrates	147,765	155,780
Phosphates	29,992	13,067	Oils, mineral	275,940	345,991
Potash	12,585	599	Oils, vegetable	22,258	12,117
Scrap metal	23,130	26,785	Ores	120,901	142,969
Slag	.....	17,650	Paper and paper products	12,272	5,756
Sulphur	21,523	3,722	Phosphates	29,992	11,475
Tinplate	19,295	21,502	Soy beans	26,420	23,701
			Sugar	54,862	89,249
			Wheat	128,126	137,360
			Wool	13,581	22,475

[6] Does not include fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of January 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to [9] Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	59	2
Agricultural implements	.....	.....	3,711	.....
Ammonium compounds	.....	.....	4,351	2,230
Animal foods [8]	.....	.....	.....	2,080
Apparel, wearing (hats, shoes, clothing, etc.)	.....	.....	15	40
Asbestos	.....	.....	401	.....
Asphalt and tar	.....	.....	17,582	10
Automobiles (and autotrucks)	.....	.....	16,586	.....
Automobile parts and accessories	.....	.....	6,705	.....

[8] Except as otherwise classified. [9] No United States intercoastal cargo from Atlantic to Pacific.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to [9] Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Bags and bagging, textile			235	390
Bamboo and products				240
Bananas				5,119
Barks, miscellaneous			47	574
Barley				596
Beans, edible, dry			46	6,203
Beer			119	
Beverages, nonalcoholic			54	
Blood and tankage			100	198
Bones and bonemeal			1,865	70
Books and printed matter				6
Borax			29	1,481
Bran and pollards			13	7,104
Bricks and tile			255	39
Camphor, crude				102
Canned and preserved goods:				
Fish			296	2,499
Fruit			6	5,185
Meat			526	177
Milk			908	105
Soup			22	
Vegetables			370	8
Miscellaneous and unclassified			342	112
Carbon black			1,078	
Cement			13,069	
Charcoal			25	
Chemicals [8]			7,057	457
Clay, china and fire			3,651	
Clay, filtering			10	
Coal			1,772	
Cocoa and cacao beans			460	813
Coconuts and products [8]				670
Coffee			3,270	18,796
Coke			3,432	
Cold storage and refrigerated products:				
Dairy products			205	25,097
Eggs				147
Fish			92	699
Lard			116	121
Meats			134	11,947
Vegetables			4	
Other and unclassified			25	122
Confectionery			36	
Copra				16,470
Copra meal and cake				820
Corn			3,030	
Cotton, raw			27,557	2,557
Creosote			20	
Drugs and medicines			25	6
Dyes			332	5
Earthenware			33	
Eggs, dried				193
Electrical apparatus and appliances			329	10
Explosives			598	
Extract, quebracho			1,068	
Fertilizers [8]			1,103	736
Fish, salted or dry-cured			67	34
Fish meal			73	3,324
Floor coverings			22	430
Flour			650	1,982
Fruit, dried			114	305
Fruit, fresh [8]			102	23,077
Furniture and household goods			24	1
General			40,746	10,713
Glass and glassware			3,438	502
Glue			2	5
Grains [8]			113	50
Groceries			161	259
Guano				5,380
Gums				546
Hair, all kinds			15	139
Hay				4
Hemp, unmanufactured			19	3,679
Honey				199
Hops			14	
Infusorial earth			14	50
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)			40,418	155
Ivory nuts			102	2,644
Jute, unmanufactured				808

[8] Except as otherwise classified. [9] No United States intercoastal cargo from Atlantic to Pacific.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to [9] Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Lime			85	5
Liquors			832	42
Lumber (including manufactured mill products)			2,262	146,346
Machinery			11,185	78
Malt			1,107	
Manufactured goods [8]			2,222	1,836
Marble and granite			229	
Matches			8	
Metals:				
Antimony				97
Copper			5,470	15,716
Gold and silver				9
Iron			18,185	10
Lead			2,212	6,653
Tin			148	1,636
Zinc			2,069	4,514
Other and unclassified			278	434
Milk, powdered			5	808
Molasses and syrups			65	995
Nitrates			9,332	155,780
Nuts, edible (including meats)			28	420
Oats				7,977
Oils, mineral:				
Crude			258	135,712
Gas and fuel		33,594	55,091	90,270
Gasoline, benzine, and naphtha		22,765	1,261	78,485
Kerosene		9,092	175	37,265
Lubricating and greases		4,259	17,808	4,259
Oils, vegetable:				
Coconut			14	5,903
Cottonseed			1,272	2,741
Linseed			183	
Olive			125	
Wood				2,408
Other and unclassified			319	1,065
Oil, fish			7	1,082
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)			2,006	2,439
Oilseed cake and meal				4,173
Ores:				
Antimony				227
Chrome				2,751
Copper				7,431
Gold and silver			12,937	306
Iron			148	114,289
Lead				4,761
Manganese				2,706
Tin				3,864
Zinc			28	4,275
Other and unclassified			538	2,359
Paints and varnishes			1,745	
Paper and paper products [8]			28,033	5,756
Paper, scrap			752	
Peas, dry				496
Phosphates			13,067	11,475
Plaster			83	
Porcelainware			469	4,222
Potash			599	
Pyrethrum flowers				170
Rags and waste			87	3,371
Railroad material			120	
Rice			1,187	387
Rope and twine			129	7
Rosin			4,777	32
Rubber:				
Manufactured			475	68
Raw			12	5,595
Scrap			115	15
Salt			2,671	14
Sand			15	
Scrap metal			26,785	141
Seeds (except oilseeds)			56	1,073
Shells, oyster				128
Silk, raw			23	3,095
Skins and hides			371	4,513
Slag			17,650	
Soaps and products			222	
Soda and sodium compounds:				
Soda ash			412	
Soda, caustic			1,216	49
Miscellaneous and unclassified			404	105

[8] Except as otherwise classified. [9] No United States intercoastal cargo from Atlantic to Pacific.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to [9] Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Soy beans	.....	.....	45	23,701
Sugar	.....	.....	2,835	89,249
Sulphur	.....	.....	3,722	600
Talc	.....	.....	5	90
Tallow	.....	.....	44	2,214
Tea	.....	.....	93	1,554
Textiles [10]	.....	.....	5,484	6,597
Tinplate	.....	.....	21,502	.....
Tobacco and manufactures	.....	.....	7,349	159
Toilet preparations	.....	.....	9	.....
Turpentine	.....	.....	412	.....
Vegetables, dry [8]	.....	.....	.....	778
Wallboard	.....	.....	402	200
Wax, paraffin	.....	.....	2,354	46
Wheat	.....	.....	690	137,360
Wines	.....	.....	529	1,131
Wood pulp	.....	.....	3,415	213
Wool	.....	.....	684	22,475
Total, January 1937	.....	69,710	508,209	1,347,728
Total, January 1936	189,194	403,675	643,723	1,505,212
Total, January 1935	150,361	474,191	592,070	1,353,015

[8] Except as otherwise classified. [9] No United States intercoastal cargo from Atlantic to Pacific. [10] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of January 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	3	19,245	.....	7	41,203	71,093
East coast United States and:						
South America	2	15,536	.....	.....	.....	.....
Far East	1	6,027	10,448	.....	.....	.....
East coast Canada and South America	1	4,455	.....	4	22,008	43,819
East coast Central America and South America	1	4,069	7,424	1	4,212	.....
Cristobal and United States	1	7,481	.....	1	7,481	13,985
West Indies and:						
United States	2	11,414	.....	6	31,404	62,556
South America	1	4,150	8,443	2	13,818	28,332
Balboa	3	18,096	28,448	.....	.....	.....
Europe and:						
United States	16	96,882	.....	3	14,724	27,726
South America	2	12,520	.....	8	50,611	98,480
Far East	1	6,345	.....	.....	.....	.....
Total	34	206,220	54,763	32	185,461	345,991

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.10 per barrel at Cristobal and Balboa; Diesel oil, $1.60 per barrel at Cristobal and Balboa.

Comparison of Canal Traffic in January 1937, with January Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of January			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[11] 96	337	426	1915	[12] 100	361	466
1916	[13] 1	1	1	1916	60	199	258
1917	164	539	640	1917	145	483	588
1918	149	495	553	1918	165	547	627
1919	163	499	530	1919	162	510	576
1920	254	927	924	1920	199	712	781
1921	272	1,094	1,177	1921	232	950	966
1922	202	846	807	1922	222	951	907
1923	345	1,610	1,592	1923	325	1,550	1,631
1924	471	2,400	2,427	1924	429	2,179	2,249
1925	395	1,959	1,907	1925	382	1,904	1,996
1926	473	2,300	2,346	1926	424	2,064	2,169
1927	428	2,121	2,240	1927	441	2,184	2,311
1928	525	2,421	2,371	1928	521	2,453	2,468
1929	597	2,770	2,858	1929	524	2,485	2,554
1930	523	2,601	2,611	1930	502	2,497	2,502
1931	465	2,379	2,106	1931	447	2,314	2,089
1932	371	2,022	1,594	1932	364	1,968	1,650
1933	378	2,067	1,462	1933	347	1,900	1,513
1934	479	2,581	2,086	1934	436	2,379	2,059
1935	425	2,294	1,945	1935	432	2,317	2,109
1936	472	2,411	2,149	1936	449	2,335	2,209
1937	399	1,916	1,856	[14]	426	2,147	2,140

[11] Canal opened August 15, 1914. [12] Average for 10½ months of fiscal year ended June 30, 1915. [13] Canal closed part of month due to slides. [14] Average for first 7 months of fiscal year 1937.

Terminal Activities

Ships on which repairs were completed during the month of January 1937 numbered 62, including 15 which were drydocked. Fuel oil in the quantity of 328,754 barrels was delivered as bunkers to 145 commercial ships. Bunker coal amounting to 4,288 tons was delivered to 20 commercial ships. Sales of commissary supplies to ships aggregated $51,265.09.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ... tons	37,355	47,921	85,276
Local cargo arriving ... [15] tons	19,910	5,057	24,967
Local cargo shipped ... [15] tons	2,997	259	3,256
Cargo received for transshipment ... [15] tons	44,725	2,044	46,769
Cargo transshipped ... [15] tons	43,272	1,211	44,483
"Canal Zone for Orders" cargo:			
Number of receipts issued	2	5	7
Number of releases issued	44	17	61
Tons received ... [15] tons	25	18	43
Tons withdrawn ... [15] tons	47	5	52

[15] Short tons of 2,000 pounds.

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	479	2,792,214	1,647,381	444	2,472,628	1,470,777
Vessels entering port but not transiting Canal	69	404,483	212,407	8	36,103	21,997
Vessels transiting Canal and handling passengers and cargo at terminal ports	115	633,168	369,298	89	540,158	311,708
Ships clearing						
All vessels, including those transiting Canal	481	2,806,290	1,653,341	439	2,476,343	1,473,880
Vessels clearing port but not transiting Canal	69	405,537	212,056	9	44,536	27,200
Vessels transiting Canal and handling passengers and cargo at terminal ports	118	652,346	380,965	89	546,283	315,628

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, January 10, 1937, to midnight, February 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Cumbal, 255, 6
Quirigua, 172, 124
Lochmonar, 175, 0
Amasis, 145, 158
Contessa, 135, 895
Cadmus, 0, 1,398
Genevieve Lykes, 2,516, 484¼
Mayan, 1,228¼, 1,086
Amerika, 0, 8
Santa Rita, 109½, 160
Granville, 7, 0
Pereira, 0, 54
Mantilla, 9,679, 0
Buenaventura, 1,503, 626
Peten, 158, 41
Sixaola, 593, 88
Santa Paula, 676, 145¼
Canadian Cruiser, 24, 105
Augsburg, 2, 25
Ino, 421, 13
Kano Maru, 252, 0
Chimu, 0, 161½
Colombia, 222, 1,046
Santa Inez, 0, 554
Ulua, 633, 86
H. S. Albert II, 2, 0
Istmo, 579, 177
Cerigo, 1,267, 386
Sessa, 27, 2
Damsterdijk, 145, 196
Commissaire Ramel, 0, 149
Aryan, 1,521, 0
Colombie, 91, 0
Simon, Bolivar, 269, 9
Cali, 0, 230
Peten, 40, 20
Wayfarer, 267, 32
Osnabrueck, 56, 85
Montreal Maru, 571, 0
La Paz, 16, 290
Laurits Swenson, 44, 596½
Trois Ilets, 353, 268
Patricia, 25½, 182½
Kwansai Maru, 663, 19
Unicoi, 261, 0
Cefalu, 110, 1,161
Nuevo Panama, 67, 89
Leme, 5, 0
Virgilio, 2, 374
Salvador, 903, 498
Anna Maersk, ½, 0
Colombie, 0, 678
Santa Barbara, 427, 16
Santa Clara, 405, 69½
Phoenicia, 216½, 68½
Oakland, 230½, 116½
Hororata, 0, 579
Ancon, 2,882, 1,029
Laila, 0, 167
Alabama, 737, 0
Wiegand, 209, 440
Pasajero, 0, 2
Axel Johnson, 100, 290
Veragua, 143, 13
San Jose, 244, 158
Nuernberg, 516, 338
Tivives, 430, 211
Portland, 124, 354
Seisho Maru, 199, 0
Toloa, 486, 97
Haiti, 435, 905
Loriga, 317, 0
Clio, 614, 137
Manizales, 1,269, 144
Arica, 99, 389
Simon Bolivar, 25, 824
Hoegh Carrier, 864, 0
Pereira, 802, 989
Veragua, 153, 311
Caribia, 519, 11
Helder, 78, 197
Boskoop, 132, 409
Tai Ping, 917, 0
Grenland, 140, 132
Valparaiso, 974, 414
Santa Maria, 290, 34
Akaroa, 175, 0
Trois Ilets, 347, 278
Contessa, 130, 1,156
Baru, 77, 0
Tirpitz, 3, 4
Attika, 141, 475
D. L. Harper, 6,044, 0
Anhalt, 2, 24
Norfolk Maru, 130, 0
West Mahwah, 7, 0
Guayaquil, 1,641, 786
Quirigua, 320, 64
Orazio, 53, 7
Roda, 64, 263
Santa Marta, 496, 224
Santa Elena, 1,105, 299
Flandre, 196, 278
Calamares, 367, 82
Cumbal, 0, 15
Ino, 570, 214
Nuevo Panama, 3, 201
Istmo, 660, 101
Durazzo, 1,327, 0
Pastores, 521, 831
Velma Lykes, 594, 693
Canada, 40, 373
Santa Rita, 0, 65
Quirigua, 24, 15
Cacique, 432, 0
Lochgoil, 173, 184
Orbita, 86, 257
Trois Ilets, 339, 0
Crijnssen, 242, ½
Cefalu, 285, 1,242
Aachen, 458, 255
Weser, 702, 558
Ionia, 0, 238
Adellen, 12,464, 0
Atlantian, 233, 95
Santa Lucia, 282, 14
Caribia, 256½, 212
Canada, 119, 68
Grenland, 504, 85
Oregon, 229, 1,132
Acajutla, 1,062¼, 752
Cristobal, 2,490, 830
Tacoma, 110, 0
Santa Barbara, 680, 271
Santa Paula, 11, 40
Peten, 147, 137
Kiyosumi Maru, 56, 0
Metapan, 859, 344
Laguna, 8, 213
Nankai Maru, 582, 177
Taian Maru, 360, 88
Dinteldijk, 305, 505
Clio, 594, 37
Istmo, 695, 0
Colombia, 336, 1,137
Ulua, 466, 58
Muenchen, 78, 240
Rialto, 34, 30
Bodegraven, 134, 147
Durazzo, 0, 687
Crijnssen, 45, 772½
Nuevo Panama, 0, 133
Peter Maersk, 323, 0
Peten, 150, 166¼
Chimu, 712, 33
Alkmaar, 0, 256
Marianne, 33, 0
Trois Ilets, 356, 0
Santa Inez, 128, 0
Contessa, 389, 1,606
Baru, 62½, 136
Manizales, 804, 0
Margaret Lykes, 863, 638
Mayan, 1,564, 0

BALBOA

Cellina, 606, 0
Durazzo, 0, 140
Baarn, 103, 107
Cacique, 0, 12
El Ciervo, 8,724, 0
St. Mihiel, 174, 55
Santa Rita, 1, 0
Granville, 562, 0
Buenos Aires Maru, 45, 0
Tamaroa, 0, 5
Santa Paula, 96, 1
Chimu, 0, 15
Santa Inez, 0, 2
Nitro, 1, 0
Heiyo Maru, 73, 0
Unicoi, 150, 0
Mayan, 0, 28
Salvador, 1, 0
Santa Barbara, 24, 0
Oakland, 104, 0
Heron, 7,068, 0
Santa Clara, 159, 4
Vega, 94, 0
Nailsea Court, 1,376, 0
Salvador, 0, 115
Akaroa, 6, 0
Tai Ping, 362, 0
Santa Maria, 3, 1
Orotava, 0, 2
Valparaiso, 0, 1
Santa Maria, 10,709, 0
D. L. Harper, 7,681, 0
Santa Elena, 155, 23
Ino, 0, 115
Cumbal, 0, 12
American Reefer, 0, 4
Santa Rita, 45, 6
Rangitane, 16, 0
Santa Lucia, 28, 0
Acajutla, 2, 0
Oregon, 435, 0
Tsuyama Maru, 0, 1
Santa Paula, 6, 0
Santa Barbara, 0, 5
Sirius, 3, 0
Peter Maersk, 72, 0
Munchen, 851, 0
Mayan, 12, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,836; embarking 1,485; at Balboa, 555 disembarking and 422 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,075, from the Pacific to the Atlantic, 1,675. Aircraft numbering 54 entered Cristobal, and 173 passengers disembarked; clearances were 51, with 209 passengers embarking; at Balboa entries of aircraft were 48, with 91 passengers disembarking; clearances, 48, with 77 passengers embarking.

Method of Propulsion of Ships Transiting the Panama Canal

Of the 5,487 ocean-going commercial vessels transiting the Panama Canal during the calendar year 1936, 2,057 were motorships, 2,395 were oil-burning, 999 were coal-burning, and 36 were miscellaneous.

Movements of Ocean Vessels Through the Panama Canal

From midnight January 10, 1937, to midnight February 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Cacique	10	11	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	2,041
Istmo	9	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	150
Marpesia	10	11	Nor.	N. Atl. & Gulf S. S. Co	Maracaibo, Venez	Corinto, Nic.	Ballast	
El Ciervo [1]	11	...	Brit.	C. T. Bowring & Co.	Aruba, D. W. I.	Balboa, C. Z.	Fuel oil	8,724
Brazilian Reefer [2]	11	11	Dan.	J. Lauritzen	Haifa, Palestine	Vancouver, B. C.	Ballast	
Cydonia	11	11	Brit.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	
Brimanger [2]	11	11	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	19
Gen. Wm. M. Graham. [11]	7	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Wyoming [13]	11	15	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Lochmonar [2]	11	12	Brit.	Royal Mail Lines	London, England	Vancouver, B. C.	General	237
Marore	11	12	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
St. Mihiel [8]	11	13	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	Supplies	301
Trois Ilets	10	12	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	160
Nos. 1, 2, and 3 [14]	11	13	Amer.	S. Amer. Gold & Plat.	New Orleans, La.	Tumaco, Col.	Ballast	
Susan A. Moran [4]	11	13	Amer.	Moran Tow. & Tr. Co.	New Orleans, La.	Tumaco, Col.	Ballast	
King Neptune [2]	12	12	Brit.	Australian Dis. Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Queen Eleanor	12	12	Brit.	Chile Nit. Sales Corp.	Jamaica, B.W.I.	Iquique, Chile	Ballast	
Greylock	12	12	Amer.	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast	
Argual	12	12	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Amasis	12	13	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	6,681
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Dundee [12]	13	16	Brit.	British Government	Kingston, Jam.	Puntarenas, C. R.	Ballast	
Baru [2]	12	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Paul Harneit [1 2]	12	13	Ger.	Standard Oil of N. J.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Hanover	13	13	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Cebu, P. I.	Cotton	7,023
Miralda [1 2]	13	13	Neth.	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Granville [2]	13	14	Pan.	Fred Olsen Line	Porsgrunn, Nor.	Vancouver, B. C.	([16])	7,626
Alexandra Hoegh. [1 2]	13	13	Nor.	Standard Oil of Calif.	Galveston, Tex.	Los Angeles, Cal.	Ballast	
Columbia [2]	13	13	Dan.	Orient S. S. Co.	Rotterdam, Neth.	Nauru, Australia.	Ballast	
Ethel Radcliffe	13	14	Brit.	Anglo-Can. S. S. Co.	Newp't News, Va.	Vancouver, B. C.	Ballast	
Vigdis [1 2]	13	14	Nor.	Ancap	St. Nazaire, Fr.	La Libertad, Ecua	Ballast	
Sambu [2]	12	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	12	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch [3]	13	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Miraflores, C. Z.	Tow. barge	
Antares [15]	13	17	Amer.	U. S. Navy	Philadelphia, Pa.	San Diego, Calif.	Ballast	
Thurland Castle [2]	13	14	Brit.	Barber Line	New York, N. Y.	Moji, Japan	Scrap iron	7,690
Ward [2]	13	14	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	6,535
O. A. Knudsen [1 2]	13	14	Nor.	Kunt Knutsen O. A. S.	Flushing, Netb.	Pt. San Luis, Cal.	Ballast	
Waipawa [2]	14	14	Brit.	Shaw, Savill & Albion.	London, England	N. Plym'th, N. Z.	General	6,980
Altobizkar Mendi.	14	14	Span.	Canadian Transp. Co.	Rotterdam, Netb.	Vancouver, B. C.	Ballast	
Tamaroa	15	15	Brit.	Shaw, Savill & Albion.	London, England	Wellington, N. Z.	General	6,040
Kinai Maru [2]	14	15	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,462
Antofagasta	15	15	Chile.	Chile-N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	([17])	2,891
Margaret Johnson [2]	15	15	Swed.	Johnson Line	Hallstavik, Swed.	Vancouver, B. C.	Newsprint	3,567
Nojima Maru [2]	15	15	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	7,531
Lossiebank [2]	15	16	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China.	General	4,500
Buenos Aires Maru. [2]	15	16	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Gen., cotton.	4,565
Killerig [4]	15	16	Pan.	Merrit, Chap., Lindsay	Kingston, Jam.	Salvador	Ballast	
Santa Paula	15	16	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	510
Eidsvold [2]	16	16	Nor.	Kawasaki K. Kaisha	Pt. Tampa, Fla.	Osaka, Japan	Phos., gen.	6,761
Fortuna [3]	16	...	Pan.	Elliot Ship. & Land Co.	Colon, R. P.	Balboa, C. Z.	Ballast	
Armadale [2]	16	16	Brit.	Mont.-Aust.-N.Z. Line	Sydney, N. S.	Adelaide, Aust'lia	General	5,312
Samnanger	16	16	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	
Gothic Star	16	17	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	
Augsburg	15	16	Ger.	North German Lloyd.	Tampico, Mexico	Fremantle, Aust.	General	7,102
Ino [2]	15	16	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	11
Westmoor [2]	16	17	Brit.	W. Runciman & Co.	Antwerp, Belgium	Auckland, N. Z.	Basic slag	6,925
Gypsum Prince	17	17	Brit.	Concorico Agricola Expl. Covaderas.	New York, N. Y.	Iquique, Chile	Ballast	
Pereira	13	17	Pan.	Elliot Ship. & Land Co.	Manaure, Col.	B'ventura, Col.	Salt, gen.	1,180
Santa Inez [2]	16	17	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,291
Tongking [2]	17	17	Dan.	East Asiatic Co.	Copenhagen, Den	Vancouver, B. C.	Ballast	
Chimu [2]	16	17	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,345
Commissaire Ramel.	17	17	Fr.	Messageries Marit'es.	Marseilles, Fr.	Noumea, N.Caled	General	2,043
Fresno City [2]	17	18	Brit.	Reardon-Smith Line	Tampa, Fla.	Kobe, Japan	Phos., cotton	8,259
Sona [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Steelore	17	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Ancylus [1 2]	17	18	Brit.	Anglo-Saxon Pet. Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	
Nitro [15]	17	21	Amer.	U. S. Navy	Norfolk, Va.	Mare Island, Cal.	Stores	3,373

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [11] Mine planter. [12] Cruiser. [13] Battleship. [14] Barges. [15] Auxiliary. [16] Nitrate of soda, general. [17] Wire, oil, general, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
S-42 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-43 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Venice Maru	18	18	Jap.	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	General	8,631
Solarium [1] [2]	18	19	Brit.	Anglo-Saxon Pet. Co.	Fredericia, Den.	Los Angeles, Cal.	Ballast	.....
Osnabruck [2]	18	19	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	5,194
Cali	9	19	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	330
Pacific Trader [2]	18	19	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General	504
Steel Navigator	18	19	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Belawan-Deli, Su.	Tinplate	4,834
La Paz [2]	18	19	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	2,932
City of Canton	18	19	Brit.	Ellerman & Bucknall.	Paulsboro, N. J.	Fremantle, Aust.	General	5,389
Anglo Canadian [2]	19	19	Brit.	Anglo-Can. S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Shinko Maru [2]	19	19	Jap.	Kawasaki K. Kaisha.	Baltimore, Md.	Japan	Ballast	.....
Chattanooga City	18	19	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Honolulu, T. H.	Steel, gen.	7,122
Mayan	12	20	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	936
Villanger [2]	19	19	Nor.	Interocean S. S. Corp.	Philadelphia, Pa.	Vancouver, B. C.	Ballast	.....
Telde	19	19	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	.....
Robert F. Hand [1]	[2] 19	20	Brit.	Standard Oil of N. J.	Elles'ere Pt., Eng.	Los Angeles, Cal.	Ballast	.....
Maria Cristina [3]	19	19	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Trois Ilets	18	20	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	245
Torvanger	20	20	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile.	Ballast	.....
Nuevo Panama [2]	18	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	105
Anna Maersk [2]	20	20	Dan.	A. P. Moller	Boston, Mass.	Iloilo, P. I.	[16]	6,881
Gen. Wm. M. Graham. [11]	11	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Sambu [2]	19	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	19	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	20	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	[17]	.....
Pirre [2]	19	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Oakland [2]	20	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	1,888
Oregon Express [2]	20	21	Nor.	United Fruit Co.	Glasgow, Scot.	Vancouver, B. C.	Ballast	.....
Santa Clara	20	21	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	1,962
Surrey	21	21	Brit.	J. B. Westray & Co.	London, England	Dunedin, N. Z.	General	4,085
Beatus	21	22	Brit.	Andrew Weir & Co.	Halifax, N. S.	Sydney, Aust'lia.	Newsprint	4,400
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Miraflores, C. Z.	Ballast	.....
Vega [2] [3]	21	23	Amer.	U. S. Navy	Norfolk, Va.	Mare Island, Cal.	General	3,261
Horda	21	22	Nor.	J. Ludwig, Mowinckels, Rederi.	St. Lucia, B. W. I.	Los Angeles, Cal.	Ballast	.....
Laila	21	22	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,862
Borgestad [2]	22	22	Nor.	Canadian Transp. Co.	Fowey, England.	Powell Riv., B. C.	China clay	3,489
Chilore	21	22	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Arola Mendi	22	22	Span.	Sota & Aznar	Antwerp, Belg.	Brit. Columbia.	Ballast	.....
Asosan Maru [2]	22	22	Jap.	Mitsui & Co.	Boston, Mass.	Osaka, Japan	[18]	6,876
Balaklava [1] [2]	22	22	Swed.	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
San Jose [2]	22	23	Fr.	French Line	Havre, France	Vancouver, B. C.	General	1,188
Rotorua	22	23	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	[19]	2,324
Mobile City	18	23	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Shanghai, China.	Steel, gen.	5,001
Rangitiki [2]	23	23	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	5,787
Corsair [6]	23	24	Amer.	J. P. Morgan	Brunswick, Ga.	Fiji Islands	Ballast	.....
Perene	22	24	Peru.	C. P. V. D.	Iquitos, Peru.	Callao, Peru.	Gen., lumber	1,313
Heranger [2]	22	24	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	7
Athelempress [1] [2]	23	24	Brit.	Mitsubishi	Swansea, Eng.	Los Angeles, Cal.	Ballast	.....
Liberty Glo.	23	24	Amer.	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast	.....
Dryden	23	25	Amer.	Lykes Bros.-Ripley.	New Orleans, La.	Cebu, P. I.	Cotton, gen.	7,564
Frank [3]	23	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	[17]	.....
Catfish [14]	...	...	Amer.	Earl Cassell	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Beduin [1] [2]	23	24	Nor.	Anderson Ship. Co.	Houston, Tex.	Yokohama, Japan	Gasoline	10,448
Istmo	16	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	Gen., autos.	450
Tuira [2]	23	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	[20]	.....
No. 223 [15]	...	...	Amer.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Gulfhawk [1] [2]	24	24	Amer.	Standard Oil of N. J.	New York, N. Y.	Talara, Peru.	Ballast	.....
Asbjorn [2]	24	24	Dan.	Anglo-Can. S. S. Co.	London, England	Vancouver, B. C.	Ballast	.....
Batoum [1] [2]	24	24	U.S.S.R.	Amtorg Trading Co.	Batoum, U.S.S.R.	El Segundo, Cal.	Ballast	.....
Clio [2]	23	24	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	122
Gypsum Queen	24	24	Brit.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile.	Ballast	.....
Arica	24	25	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	843
Tancred [2]	25	25	Nor.	W. Wilhelmsen	New York, N. Y.	Yokohama, Japan	[21]	7,361
Nordnes	25	25	Nor.	Canadian Gulf Line.	Houston, Tex.	Powell Riv., B. C.	Ballast	.....
Grenland	25	25	Nor.	Grace Line	New Orleans, La.	B'ventura, Col.	Coffee, gen.	132
Cerigo	16	25	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	527
Bolton Castle	25	26	Brit.	Chile Nit. Sales Corp.	Flushing, Neth.	Iquique, Chile	Ballast	.....
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Bronnoy [2]	25	26	Nor.	Anglo-Can. S. S. Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Moveria [2]	25	27	Brit.	Donaldson Bros.	Glasgow, Scot.	Vancouver, B. C.	General	703
Brandanger [2]	26	26	Nor.	General S. S. Corp.	Rosario, Arg.	Vancouver, B. C.	General	5,030
Orotava	26	26	Hond.	United Fruit Co.	Habana, Cuba	Pto. Arm'les, R. P.	Ballast	.....
Helder	25	26	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,893

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [11] Mine planter. [13] Cargo ship. [14] Sailboat. [15] Subchaser. [16] Automobile parts, general. [17] For bananas and return to Cristobal. [18] Metal, rosin, etc. [19] General, iron, steel, etc. [20] Towing subchaser No. 223. [21] Scrap, oil, machinery.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Valparaiso [2]	25	26	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,331
Beldagny	26	26	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Iquique, Chile	Ballast	.....
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Stella Polaris [2]	27	28	Nor.	Raym'd & Whitcomb.	New York, N. Y.	Round the world.	Passengers	.....
District of Columbia. [1]	27	27	Amer.	Standard Oil of Calif.	Providence, R. I.	S. Francisco, Cal.	Ballast	.....
Baru [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Llandilo	27	27	Brit.	Anglo-Can. S. S. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Tirpitz	27	27	Ger.	Hamburg-Amer. Line.	Mobile, Ala.	Osaka, Japan	([13])	9,511
Trois Ilets	26	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	197
Sambu [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
H. M. Storey [1]	27	28	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Franz Klasen [2]	28	28	Pan.	W. Tankschiff Rhed'i	Hamburg, Ger.	Talara, Peru	Ballast	.....
D. L. Harper [1] [2]	27	29	Pan.	W. Tankschiff Rhed'i	Aruba, D. W. I.	Talara, Peru	Fuel oil	7,681
Anhalt	28	28	Ger.	North German Lloyd.	New Orleans, La.	Auckland, N. Z.	General	7,428
Attika	27	28	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,843
Stentor [2]	28	28	Brit.	Blue Funnel Line	Boston, Mass.	Hongkong, China	General	5,837
Babbitt [9]	28	...	Amer.	U. S. Navy	Norfolk, Va.	Balboa, C. Z.	Ballast	.....
L-55 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Elna	28	29	Eston.	Chile Nit. Sales Corp.	Wilmington, S. C.	Iquique, Chile	Ballast	.....
Virginia	29	30	Amer.	Panama-Pacific Line.	New York, N. Y.	Ensenada, Mexico	Passengers	.....
Storanger [1] [2]	28	29	Nor.	Westfal, Larsen & Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
Tokai Maru [2]	29	29	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,021
Zavorah [6]	29	...	Amer.	Chas. J. Hubbard	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
West Mahwah	29	29	Amer.	McCormick S. S. Co.	Santa Fe, Arg.	Vancouver, B. C.	([14])	7,018
Santa Elena	29	30	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	710
Orazio [2]	29	30	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	429
H. S. Albert II [3]	30	30	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P.	Ballast	.....
Athelsultan [1] [2]	29	30	Brit.	Asano Bussan Co.	Liverpool, Eng.	Japan	Ballast	.....
Cambridge	30	30	Brit.	Fed. Steam Nav. Co.	Liverpool, Eng.	Pt. Chalmers, N.Z.	Gen., explo.	10,299
Trontolite [1] [2]	30	30	Brit.	Imperial Oil Co.	Halifax, N. S.	Talara, Peru	Ballast	.....
Roda [2]	29	31	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	6,636
Rolling Stone [6]	30	...	Pan.	Robert Wilcox	Colon, R. P.	Gamboa, C. Z.	Ballast	.....
Cumbal [2]	30	31	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,608
Ino [2]	30	31	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	303
San Ubaldo [1]	30	31	Brit.	Eagle Oil & Ship. Co.	Tampico, Mexico.	Valparaiso, Chile.	([15])	7,424
Tynebank	31	31	Brit.	Bank Line, Ltd.	Tampico, Mexico.	Melbourne, Aust.	Asphalt	7,300
Don Thompson	30	2–3	Chile.	A. Williamson & Co.	Pt. Talbot, Eng.	Valparaiso, Chile.	Ballast	.....
Cressida [6]	31	...	Amer.	Geo. Vanderbilt	New York, N. Y.	Galapagos Is.	Ballast	.....
Somerset	31	31	Brit.	Fed. Steam Nav. Co.	Liverpool, Eng.	Adelaide, Aust'lia	General	5,066
Rigmor [1] [2]	31	31	Nor.	Anglo-Saxon Pet. Co.	Rouen, France	S. Francisco, Cal.	Ballast	.....
Canada [2]	31	31	Dan.	East Asiatic Co.	Copenhagen, Den.	Portland, Oreg.	General	449
Nuevo Panama [2]	30	31	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	225
Katsuragi Maru [2]	31	31	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([13])	7,628
Manizales	23	2–1	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	264
Istmo	30	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	225
Maria Cristina [3]	31	...	Pan.	A. Tagaropulos	Colon, R. P.	Real, R. P.	General	3
Sona [2]	30	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	30	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Argual	31	1	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R.P.	Ballast	.....
Temple Bar	31	1	Brit.	Chile Nit. Sales Corp.	Tyne, England	Iquique, Chile	Ballast	.....
Santa Rita [2]	2–1	1	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,732
Pereira	24	1	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,079
Uranienborg	2	2	Dan.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Silverteak [2]	2	3	Brit.	Silver Line, Ltd.	Halifax, N. S.	Hongkong, China	General	7,530
Steelage	3	3	Amer.	Isthmian S. S. Lines	New York, N. Y.	Hilo, T. H.	Gen., lumber	6,826
Pan Norway [1] [2]	3	3	Nor.	Standard Oil of N. J.	Rio de Janeiro	Los Angeles, Cal.	Ballast	.....
Baru [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
El Oso [1]	3	4	Brit.	C. T. Bowring & Co.	Liverpool, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Trois Ilets	2	3	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Jobshaven	3	3	Neth.	Chile Nit. Sales Corp.	Rotterdam, Neth.	Antof'gasta, Chile	Ballast	.....
Siljestad [2]	3	4	Nor.	Fern Line	Galveston, Tex.	Moji, Japan	Cotton, lead.	7,226
Sambu [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	3	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	.....
Adellen [1] [2]	2	4	Brit.	B. L. Shipping Co.	Curacao, D. W. I.	Los Angeles, Cal.	Ballast	.....
Potter [2]	3	7	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China.	General	6,034
Comliebank [2]	3	4	Brit.	Andrew Weir & Co.	Halifax, N. S.	Sydney, Aust'lia.	Newsprint	5,094
Sildra [1] [2]	3	4	Nor.	Standard Oil Co.	La Guaira, Ven.	Tocopilla, Chile.	Fuel oil	10,800
Tsuyama Maru	4	4	Jap.	Nippon Yusen Kaisha.	New Orleans, La.	Kobe, Japan	([17])	8,050
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Santa Barbara [2]	4	5	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,407
Arandora Star	5	6	Brit.	Blue Star Line	S'hampton, Eng.	Honolulu, T. H.	Passengers	.....
Gen. M. H. Sherman.	5	5	Amer.	Matson Nav. Co.	New York, N. Y.	Hilo, T. H.	General	3,825

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [9] Destroyer. [10] Minesweeper. [11] Mineplanter. [13] Scrap, cotton, etc. [14] Horses, coffee, etc. [15] Fuel and lubricating oil. [16] For bananas and return to Cristobal. [17] Cotton, borax, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Minerva [2]	5	5	Nor...	Chile Nit. Sales Corp.	Lake Charles, La.	Iquique, Chile...	Ballast	.....
David Dawson	5	6	Brit...	Chile Nit. Sales Corp.	Tyne, England...	Ant'fagasta, Chile	Ballast	.....
Pericles [1 2]	5	6	Nor...	Kawasaki K. Kaisha.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
Merope [1]	5	5	Fr...	Prod. Chim. et Raffineries Berre.	Berre, France...	La Libertad, Ecu.	Ballast	.....
Elbe [2]	5	6	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	Ballast	.....
Pacific Reliance [2]	5	6	Brit...	Furness, Withy & Co.	Glasgow, Scot...	Vancouver, B. C.	General	1,094
D-14 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z...	Gatun, C. Z.	Ballast	.....
Frank [3]	5	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.	Ballast	.....
Grelrosa	5	6	Brit...	Chile Nit. Sales Corp.	New Orleans, La.	Tocopilla, Chile..	Ballast	.....
H. S. Albert II [3]	6	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.	Ballast	.....
Berganger [2]	6	6	Nor...	Interocean S. S. Corp.	London, England	Vancouver, B. C.	Passengers	.....
Dinteldijk [2]	6	7	Neth..	Holland-Amer. Line.	Rotterdam, Neth.	Vancouver, B. C.	General	2,874
Durazzo	30	7	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z...	Guayaquil, Euca.	General	906
Southern Sun [1 2]	7	7	Amer..	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Clio [2]	6	7	Neth..	Royal Neth. S. S. Co..	Cristobal, C. Z...	Guayaquil, Euca.	General	33
Caroline Maersk [1 2]	7	7	Dan...	Raffinerie Berre	Rotterdam, Neth.	Talara, Peru	Ballast	.....
Bodegraven	7	7	Neth..	Royal Neth. S. S. Co..	Hamburg, Ger...	Corral, Chile	General	1,677
Laguna [2]	6	7	Brit...	Pacific Steam Nav.Co.	Hull, England...	Corral, Chile	General	4,580
Rialto [2]	7	7	Ital...	Nav. Libera-Triestina	Trieste, Italy	Vancouver, B. C.	General	1,738
Munchen [2]	7	8	Ger...	North German Lloyd.	Hamburg, Ger...	Corral, Chile	General	4,405
Tai Ping Yang [2]	7	8	Pan...	Barber-Wilhelmsen...	New York, N. Y.	Moji, Japan	([13])	6,920
Acajutla	3	8	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z...	Champ'ico, Guat.	General	751
Tuira [2]	6	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.	Ballast	.....
Tasmania [2]	7	8	Dan...	Isbrandtsen Moller...	Chester, Pa.	Manila, P. I.	General	6,605
Golden State	8	9	Amer..	Matson Nav. Co.	Baltimore, Md...	Hilo, T. H.	General	6,150
Almirante [3]	8	8	Pan...	A. Tagaropulos	Cristobal, C. Z...	Real, R. P.	General	1
City of Glasgow	8	9	Brit...	Mon.-Aust.-N. Z. Line	Halifax, N. S.	Melbourne, Aust.	General	3,240
Marianne	8	8	Nor...	Grace Line	Philadelphia, Pa.	S. Francisco, Cal.	Coffee	630
Nuevo Panama [2]	7	8	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	B'ventura, Col...	General	210
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z...	Gatun, C. Z.	Tow. barge	.....
Martin Bakke [2]	9	9	Nor...	Knutsen Line	Cardiff, England	Vancouver, B. C.	Passengers	.....
Arawa	9	10	Brit...	Shaw, Savill & Albion.	London, England	Wellington, N. Z.	General	5,560
Noto Maru [2]	9	9	Jap...	Nippon Yusen Kaisha.	New York, N. Y.	Kobe, Japan	Gen., steel	8,307
Port Gisborne [2]	9	9	Brit...	Com'lth & Dom. Line.	London, England	Napier, N. Z.	General	6,400
Sessa	9	9	Dan...	Wessel, Duval & Co..	New York, N. Y.	Talcahuano, Chile	General	1,284
Svea drott [2]	10	10	Swed..	Rederi Svea	Goth'burg, Swed.	Valparaiso, Chile.	General	2,467
Bethore	10	10	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Rasma	10	10	Latvia.	Latvian State S. B.	Wilmington, N.C.	Tocopilla, Chile..	Ballast	.....
Baru [2]	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Pedregal, R. P.	General	137
Jeff Davis [2]	10	11	Amer..	Roosevelt S. S. Co..	Philadelphia, Pa.	Adelaide, Aust'lia	General	3,780
Sona [2]	9	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.	Ballst	.....
Caduceus [5]	...	...	Amer..	Dr. George	Cristobal, C. Z...	Balboa, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Blythmoor	10	11	Brit...	Nitrate Corp., London	Tocopilla, Chile..	Azores [14]	Nitrates	9,820
Ionic Star	11	11	Brit...	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng..	Frozen, gen.	5,497
Bonnington Court. [2]	11	11	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Plymouth, Eng..	Wheat, lum.	8,500
Cumbal [2]	11	11	Amer..	Grace Line	Pisco, Peru	New York, N. Y.	General	2,990
Mathilda	11	11	Nor...	Chile Nit. Sales Corp.	Taltal, Chile	Azores [14]	Nitrates	5,820
Kassandra Louloudis.	11	11	Greek.	Anglo-Can. S. S. Co...	Vancouver, B. C.	London, England	Lum., wheat	6,000
Barrhill	11	11	Brit...	Seaboard Shipping Co	Vancouver, B. C.	Cardiff, Wales	Lum., grain	7,440
Uyo Maru [2]	11	12	Jap...	Mitsui Line	Singapore-China.	New York, N. Y.	General	8,953
Mayan	12	19	Amer..	Grace Line	Champ'ico, Guat.	Cristobal, C. Z..	General	1,115
Baru [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	25
Tuira [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	27
Sambu [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	9
Amerika [2]	12	13	Dan...	East Asiatic Co.	Vancouver, B. C.	Hull, England	General	9,469
Silver Lining [2]	12	...	Amer..	L. B. Larcom	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
Santa Rita [2]	12	13	Amer..	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,080
Sithonia	12	13	Brit...	Seaboard Shipping Co	Vancouver, B. C.	Liverpool, Eng..	Wheat, lum.	9,250
Northmoor [2]	13	13	Brit...	States Marine Corp..	Dairen, China	New York, N. Y.	General	6,673
Willamette Valley [2]	13	14	Brit...	I. Modiano & Co.	Dairen, China	Rotterdam, Neth.	Soy beans	8,200
Vernon City	14	14	Brit...	Reardon-Smith Line..	Otaru, Japan	Cardiff, Wales	General	8,200
Errington Court..	14	14	Brit...	Seaboard Shipping Co.	Nanoose, B. C.	Avonmouth, Eng.	Wheat, lum.	7,331
Geisha [2]	14	14	Nor...	Knut Knutsen	Valparaiso, Chile.	Oslo, Norway	General	6,710
Riche [5]	14	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	Tow. barge	.....
Jonna	14	15	Dan...	J. Lauritzen	N.Westm'er, B.C.	Rotterdam, Neth.	Apples	960
Gedania [1]	14	15	Ger...	W. Tankschiff Rhed'i.	Talara, Peru	Trieste, Italy	Crude oil	12,692
Caledonia [1 2]	14	15	Nor...	Shell Oil Co.	Los Angeles, Cal.	Curacao, D. W. I.	Kerosene	14,375
Olympia [2]	15	15	Dan...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Charleston, S. C.	Nitrates	8,000
Kano Maru [2]	15	17	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	Baltimore, Md...	General	8,073
Blue Water [6]	14	16	Amer..	Miss M. Huntington..	S. Francisco, Cal.	West Indies	Ballast	.....
Argual	15	15	Hond..	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	814

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] General, scrap iron. [14] For orders.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Ino [2]	15	16	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	([14])	382
Canadian Cruiser	15	16	Brit.	Mon.-Aust.-N. Z. Line	Brisbane, Aus'lia.	Halifax, N. S.	General	4,301
Maria Cristina [2]	14	15	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([15])	9
City of Elwood [1, 2]	15	16	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	([16])	8,055
Minerva [2]	16	16	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Lake Charles, La.	Nitrates	9,410
Cerigo	16	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,152
Istmo	16	24	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	525
Nordpol [2]	15	16	Dan.	W. I. Trading Co.	N. Westm'er, B.C.	Boston, Mass.	Lumber	7,027
Tuira [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sona [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	19
Wellfield [1, 2]	14	17	Brit.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	8,170
Sessa	16	17	Dan.	West Coast Line	Coronel, Chile	New York, N. Y.	General	2,680
Damsterdijk [2]	16	17	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	10,460
Blackheath	16	17	Brit.	Andrew Weir & Co.	MacKay, Aust'lia	Halifax, N. S.	Sugar	8,010
Scottsburg [5]	6	19	Amer.	U. S. Army	Honolulu, T. H.	Brooklyn, N. Y.	General	866
Tilsington Court	17	17	Brit.	Seaboard Ship. Co.	Cowichan Bay	London, England	Wheat, lum.	9,950
Trois Ilets	17	20	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	320
Montreal Maru	17	18	Jap.	Kawasaki K. Kaisha	Shanghai, China	New York, N. Y.	General	4,803
Telena [2]	18	18	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	Gas oil	9,971
Gro	18	18	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	6,480
Queen City	18	18	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Manchester, Eng.	Lum., grain	8,100
Laurits Swenson [2]	18	20	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,244
Pan Aruba [1, 2]	18	18	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, D. W. I.	([17])	13,394
Stigstad [1, 2]	18	18	Nor.	A. F. Klaveness & Co.	Los Angeles, Cal.	Curacao, D. W. I.	Stove oil	8,400
Virgilio [2]	18	20	Ital.	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	3,476
Kwansai Maru [2]	18	19	Jap.	Osaka Shosen Kaisha	Iloilo, P. I.	Baltimore, Md.	General	7,680
Southern Sun [1, 2]	18	19	Amer.	Sun Oil Co	El Segundo, Calif.	Chester, Pa.	Gasoline	13,712
Orla	18	19	Nor.	Anglo-Can. S. S. Co.	Victoria, B. C.	Hull, England	Wheat, lum.	5,860
Leme [2]	19	19	Ital.	Nav. Libera-Triestina	Vancouver, B. C.	Genoa, Italy	General	9,493
Nuevo Panama [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	95
Fortuna [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	72
Amsterdam [2]	19	19	Neth.	Standard Oil of N. Y.	S. Francisco, Cal.	Brixham, Eng.	Gasoline	9,347
Salvador	19	24	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	900
Unicoi [2]	19	20	Amer.	Roosevelt S. S. Co.	Panagan, P. I.	New York, N. Y.	General	7,596
Real [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Sambu [2]	19	20	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	12
Beloit [2]	18	21	Hond.	W. M. Eden	Amapala, Hond.	Trujillo, Hond.	Salt	80
Pirre [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Hororata	19	21	Brit.	N. Z. Shipping Co.	Pt. Chalmers, N. Z	Glasgow, Scotland	Frozen, gen.	5,972
Phoenicia [2]	19	21	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	1,923
K. R. Kingsbury [1]	19	20	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Stove oil	10,250
Shorty [2]	20	...	Amer.	Sam Anthony	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
El Mirlo [1, 2]	19	20	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Donges, France	Crude oil	11,504
Santa Barbara [2]	20	21	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,146
Ruahine	19	20	Brit.	N. Z. Shipping Co.	Lyttleton, N. Z.	London, England	Frozen, gen.	4,372
Susan A. Moran	20	21	Amer.	Moran Tow. & Tr. Co.	Tumaco, Col.	New Orleans, La.	Ballast	.....
Pacific Grove [2]	20	20	Brit.	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scotland	General	8,590
Gracia	20	21	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scotland	General	5,850
Wiegand	20	22	Ger.	North German Lloyd.	Brisbane, Aust'lia	Boston, Mass.	General	7,151
Meton [1, 2]	20	21	Amer.	Shell Eastern Pet. Co.	Los Angeles, Cal.	P. Amboy, N. J.	Gasoline	9,053
Hallingdal [2]	20	21	Nor.	Brit. Phosphate Co.	Nauru Is., So. Sea	Ipswich, England	Phosphates	5,275
Romsdalshorn	21	21	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrates	10,000
Alabama	21	22	Fr.	French Line	Talcahuano, Chile	Le Havre, France	General	8,430
Axel Johnson [2]	21	21	Swed.	Johnson Line	Vancouver, B. C.	Goth'berg, Swed.	General	5,869
Trondanger [2]	21	21	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen.	8,495
Nyhorn [2]	21	21	Nor.	Knut Knutsen	Vancouver, B. C.	Cardiff, Wales	General	7,137
Amagisan Maru [2]	21	21	Jap.	Mitsui Bussan Kaisha.	Manila, P. I.	New York, N. Y.	General	8,030
Nurnberg [2]	21	23	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,969
Germanic	21	22	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,820
Bethore	21	22	Amer.	Ore S. S. Co.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
S-44 [7]	22	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
El Ciervo [1]	22	22	Brit.	Lobitos Oilfields, Ltd.	Lobitos, Peru	Donges, France	Crude oil	7,895
Telde	22	22	Hond.	United Fruit Co.	Pto. Arm'les, R. P	Mobile, Ala.	Bananas	900
Col. Riche [5]	22	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
British Prince	22	23	Brit.	Seaboard Ship. Co.	Pt. Alberni, B.C.	Hull, England	Wheat, lum.	8,705
Weirbank [2]	22	23	Brit.	A. Weir & Co.	Sydney, N. S.	Karlsham, Swed.	Zinc, copra	8,147
Erviken	22	23	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	New Orleans, La.	Nitrates	10,525
Seisho Maru	23	23	Jap.	Kawasaki S. S. Co.	Japan	Baltimore, Md.	General	4,763
Loriga [2]	23	24	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Liverpool, Eng.	General	8,056
Tercero [2]	23	23	Nor.	Wessel, Duval & Co.	Iquique, Chile	Baltimore, Md.	Nitrates	7,500
Portland [2]	23	23	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	8,166
Ingerseks	23	23	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	7,810
Curaca	23	24	Amer.	Grace Line	Arica, Chile	New York, N. Y.	Sugar	4,492
Manizales	23	31	Ger.	Hapag-Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,154
Calgarolite [1, 2]	23	23	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Crude oil	16,484
Gylfe [1, 2]	23	24	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D. W. I.	Kerosene	8,988
Clio [2]	22	24	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	556
Tuira [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [8] Transport. [13] For orders. [14] Coffee, tagua. [15] Lumber, plantains. [16] Sugar, coconut, hemp. [17] Gasoline, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Hoegh Carrier [2]	24	25	Nor	Kawasaki K. Kaisha	Kobe, Japan	New York, N. Y.	General	4,464
Pereira	24	1	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	([14])	730
Leticia [2]	24	...	Pan	A. Tagaropulos	Pedregal, R. P.	Cristobal, C. Z.	General	5
Australind [2]	24	25	Brit	Australind S. S. Co.	Lyttleton, N. Z.	Halifax, N. S.	General	4,184
W. S. Miller [1]	24	25	Amer	Standard Oil of Calif.	Los Angeles, Cal.	Tiverton, R. I.	Fuel oil	9,344
Boskoop	25	26	Neth	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,315
Rockpool	25	25	Brit	Seaboard Shipping Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,100
Grelhead	25	25	Brit	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	7,040
Tai Ping [2]	25	26	Nor	Barber-Wilhelmsen	Manila, P. I.	New York, N. Y.	General	7,626
Maria Cristina [2]	25	31	Pan	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([15])	2
Akaroa	25	26	Brit	Shaw, Savill & Albion.	Lyttleton, N. Z.	London, England	Frozen, gen.	6,218
Winkleigh	25	26	Brit	Seaboard Shipping Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	8,840
Stjerneborg [2]	25	26	Dan	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	General	2,555
Trois Ilets	26	27	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	314
Santa Maria [2]	26	26	Amer	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5 853
Baru [2]	26	27	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
Killerig	22	26	Pan	Merrit-Chap.-Lindsay	High seas	Kingston, Jam.	Ballast	.....
Fernbrook [2]	26	26	Nor	Fearnley & Eger	Iloilo, P. I.	N. Atl. pts., U. S.	Sugar	8,000
Real [2]	26	27	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Sambu [2]	26	27	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	15
Svealand [2]	26	27	Swed	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Risanger	27	27	Nor	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrates	8,320
Norfolk Maru	28	28	Jap	Kawasaki K. Kaisha	Dairen, China	New York, N. Y.	Silk, gen.	5,235
Koll [1] [2]	28	28	Nor	Standard Oil of N. J.	Talara, Peru	Aruba, D. W. I.	Crude oil	14,938
Stirlingville [2]	28	28	Nor	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrates	9,050
Westmorcland	28	28	Brit	Fed. Steam Nav. Co.	Pt. Chalmers, N. Z.	Glasgow, Scot.	Frozen, gen.	6,688
City of Dalhart [2]	28	28	Amer	Roosevelt S. S. Co.	Sydney, Aust'lia.	Baltimore, Md.	General	7,598
Laura	28	29	Dan.	J. Lauritzen	N. Westm'er, B. C.	Bordeaux, Fr.	Fresh fruit	1,240
Orotava	29	29	Hond.	United Fruit Co.	Pt. Arm'les, R. P.	Mobile, Ala.	Bananas	750
Doric Star	29	29	Brit	Blue Star Line	Cairns, Australia.	London, England	Frozen, gen.	7,803
Marna	29	29	Dan	West Coast Line	Arica, Chile	New York, N. Y.	General	2,500
Ino [2]	29	31	Neth	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	517
California Express	[2] 29	30	Nor	Fruit Express Line	N. Westm'er, B. C.	Glasgow, Scot.	Fruit	1,628
Nolisement	30	30	Brit	Seaboard Shipping Co.	Pt. Alberni, B. C.	London, England	Lum., wheat.	8,100
Amerikaland [2]	29	30	Swed	Ore S. S. Corp.	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	21,700
Bonita [7]	30	...	Amer	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Bass [7]	30	...	Amer	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Selje	30	30	Nor	Chile Nit. Sales Corp.	Iquique, Chile	Charleston, S. C.	Nitrates	11,700
Nuevo Panama [2]	30	31	Pan	Elliot Ship. & Land Co.	Pto. Arm'les, R. P.	Cristobal, C. Z.	Machinery	3
Istmo	30	31	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hats.	604
Columbia Maru [2]	30	31	Jap	Mitsubishi Shoji K.	Rashin, Korea	Aarhus, Denmark	Soy beans	8,201
Tuira [2]	30	31	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sona [2]	30	31	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	13
Sysla [1] [2]	30	30	Nor	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, D. W. I.	Gasoline	9,115
Steel Voyager	30	31	Amer	Isthmian S. S. Lines	Pt. Allen, T. H.	New York, N. Y.	Sugar	8,482
Durazzo	30	...	Ger	Hamburg-Amer. Line.	Guayaquil, Euca.	Cristobal, C. Z.	General	1,205
Leo Dawson	30	31	Brit	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [13]	Nitrates	6,839
Sydhav [1] [2]	31	31	Nor	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End, Eng. [13]	Gas oil	10,295
Benreoch	31	31	Brit	Geo. H. Scales, Ltd.	Picton, N. Z.	London, England	Wool	3,378
Narkissos	31	31	Greek	Yamashita Co.	Naru,	Leith, Scotland	Phosphates	6,200
Mahia	31	1	Brit	Shaw, Savill & Albion.	Timaru, N. Z.	Glasgow, Scot.	Frozen, gen.	7,083
Cacique	31	1	Amer	Grace Line	Pisco, Peru	New York, N. Y.	General	3,620
American Reefer [2]	31	1	Dan	F. Lauritzen	N. Westm'er, B. C.	Haifa, Palestine	Fruit	1,728
Henrik Ibsen	31	1	Nor	Chile Nit. Sales Corp.	Taltal, Chile	Lisbon, Portugal	Nitrates	7,198
Mapia [2]	1	1	Neth	Silver-Java-Pacific	Vancouver, B. C.	Calcutta, India	General	8,900
Paris City	1	1	Brit	Reardon-Smith Line	Iloilo, P. I.	New Orleans, La.	Sugar	9,000
Lochgoil [2]	1	1	Brit	N. Pac. Coast Line	Vancouver, B. C.	Rotterdam, Neth.	Frozen, gen.	9,485
Orbita	1	1	Brit	Pacific Steam Nav. Co	Talcahuano, Chile	Liverpool, Eng.	General	8,228
Manley, No. 74 [9]	1	1	Amer	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Gulfhawk [1] [2]	1	1	Amer	Standard Oil of N. J.	Talara, Peru	Aruba, D. W. I.	Crude oil	16,527
Marpesia	1	1	Nor	N. Atl. & Gulf Co.	Corinto, Nic.	Chester, Pa.	Lumber	2,200
Rangitane [2]	1	2	Brit	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,473
Frank Seamans	2	2	Nor	American Metal Co.	Coquimbo, Chile	Carteret, N. J.	([16])	6,700
Marore	2	2	Amer	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Aachen	2	3	Ger	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	8,401
Baru [2]	2	3	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
H. S. Albert II [2]	2	2	Brit	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Real [2]	2	3	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	41
Sambu [2]	2	3	Pan	A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	20
Seminole [1] [2]	1	3	Brit	Standard Oil of N. J.	Los Angeles, Cal.	Aruba, D. W. I.	Kerosene	14,545
Chesapeake [1] [2]	2	3	Brit	Anglo-Amer. Oil Co.	Los Angeles, Cal.	Rotterdam, Neth.	Kerosene	12,520
Weser [2]	2	4	Ger	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	8,276
Trois Ilets	2	3	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	307
Santa Lucia	2	3	Amer	Grace Line	Talcahuano, Chile	New York, N. Y.	General	6,058
Acajutla	2	7	Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	1,061
Frederika Lensen	3	3	Brit	Chile Nit. Sales Corp.	Iquique, Chile	New Orleans, La.	Nitrates	7,500
Grenland	3	4	Nor	Grace Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	1,854
Canada [2]	3	4	Swed	Johnson Line	Vancouver, B. C.	Hull, England	General	8,046

[1] Tanker. [2] Motor ship. [7] Submarine. [9] Destroyer. [13] For orders. [14] Coffee, platinum. [15] Plantains, lumber. [16] Ore concentrate.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Oregon [2]	3	4	Fr.	French Line	Vancouver, B. C.	Le Havre, France	Gen., lumber	8,531
Hindanger [2]	3	4	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	7,403
Dallas City [2]	3	4	Brit.	Sir W. R. Smith & Son	Manila, P. I.	New York, N. Y.	Sugar	9,000
Viking Star	4	4	Brit.	Blue Star Line	Vancouver, B. C.	Newcastle, Eng.	Frozen, gen.	5,020
Paul Harneit [1] [2]	4	4	Ger.	Standard Oil of N. J.	El Segundo, Calif.	Rotterdam, Neth.	([14])	14,732
Port Hunter	4	4	Brit.	Port Line	Gisborne, N. Z.	London, England	Frozen, gen.	6,035
Tacoma	4	4	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	8,440
S-47 [7]	4	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Paula	4	5	Amer.	Grace Line	Los Angeles, Cal.	New York, N. Y.	General	652
Kinross [2]	4	5	Brit.	Canadian Transp. Co.	N. Westm'er, B.C.	Hull, England	Wheat, lum.	8,750
Argual	4	5	Hond.	Unite dFruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	790
S-43 [7]	5	5	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Neptunian [2]	4	5	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,600
S-42 [7]	5	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-45 [7]	5	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Kiyosumi Maru [2]	4	5	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	8,610
Elise [1] [2]	4	5	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D. W. I.	([13])	10,830
Belleanne [2]	5	5	Nor.	Belships Co., Ltd.	Pt. Alberni, B. C.	London, England	Lum., lead.	10,165
Mill Hill	5	5	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	Wheat, lum.	6,971
Modavia [2]	5	6	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	General	5,750
Gryfevale	5	5	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Wilmington, N. C.	Nitrates	8,009
Winslow [5]	5	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Launch	5	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Franz Klasen [1] [2]	5	6	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Rotterdam, Neth.	([16])	16,460
Nankai Maru [2]	5	7	Jap.	Osaka Shosen Kaisha	Hongkong, China	Baltimore, Md.	General	6,307
Clio [2]	5	7	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	539
Sylva	5	6	Greek.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Grain, lum.	6,862
Istmo	6	7	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	635
Pacific Enterprise [2]	6	6	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,396
Steelore	6	6	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,400
Cressdene	6	6	Brit.	Dean Ship. Man. Co.	Vancouver, B. C.	Manchester, Eng.	Gen., lumber	7,200
D. L. Harper	6	6	Pan.	G. M. B. H. Hamburg.	Talara, Peru	Fawley, England.	Crude oil	16,769
Taian Maru	6	7	Jap.	Kabushiki K. Kaisha.	Kobe, Japan	New York, N. Y.	General	6,028
Tuira [2]	6	7	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	60
Maria Cristina [2]	5	6	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Plantains	6
Daghild	6	7	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	Grain, gen.	10,540
Athelbeach [1] [2]	7	7	Brit.	United Molasses Co.	Kahului, T. H.	United Kingdom.	Molasses	9,576
Queen Eleanor	7	7	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Europe	Nitrates	7,570
Greylock	7	7	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N. C.	Nitrates	10,600
Peter Maersk [2]	7	8	Dan.	Maersk Line	Iloilo, P. I.	New York, N. Y.	General	6,361
Nuevo Panama [2]	7	8	Pan.	Elliot Ship. & Land Co.	Pto. Arm'les, R. P.	Cristobal, C. Z.	Ballast	.....
Indra [2]	7	8	Nor.	Knut Knutsen, O. A. S.	Valparaiso, Chile.	Oslo, Norway	General	6,884
Ville D'Amiens [2]	8	9	Fr.	Messageries Marit'es.	Noumea, N. Caled	Marseilles, Fr.	General	5,399
Chimu [2]	8	8	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,747
Alkmaar	8	8	Neth.	Royal Neth. S. S. Co.	Lebu, Chile	Hamburg, Ger.	General	10,148
Trois Ilets	8	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	323
Sirius	6	10	Amer.	U. S. Navy	San Diego, Calif.	Pensacola, Fla.	General	2,356
Frank [2]	9	9	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	13
Samnanger	9	9	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N. C.	Nitrates	7,000
Baru [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	75
H. S. Albert II [2]	9	9	Brit.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Miralda [1] [2]	9	9	Neth.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, D. W. I.	Gasoline	11,685
Tuscaloosa City	8	9	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	New York, N. Y.	Sugar	8,389
Sona [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Santa Inez [2]	9	10	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	2,843
Chilore	10	10	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Mayan	9	...	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,513
Lapwing [4]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Manizales	9	11	Ger.	Hapag-Lloyd	Tumaco, Colom.	Cristobal, C. Z.	Coffee, gen.	730
Cydonia	9	10	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Jacksonville, Fla.	Nitrates	6,338
Solarium [1] [2]	10	10	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End, Eng.	Gasoline	8,314
Taronga [2]	10	10	Nor.	Wilh. Wilhelmsen	Melbourne, Au'lia	London, England	General	8,008
Robert F. Hand [1] [2]	10	10	Brit.	Standard Oil of N. J.	El Segundo, Cal.	Amsterdam, Neth	([17])	16,446
Thistlebrae	10	11	Brit.	Andrew Weir & Co.	Fiji Islands	Lands End [13]	Sugar	7,400

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [13] For orders. [14] Gasoline, kerosene. [15] Benzine, kerosene. [16] Naphtha, gas oil. [17] Gasoline, kerosene.

Comparison of Traffic at the Suez and Panama Canals for the Calendar Years 1935 and 1936

The following is a comparison of traffic at the Suez and Panama Canals for the calendar years 1935 and 1936:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1935	1936	Increase	Decrease	1935	1936	Increase	Decrease
January	487	533	9.4	.....	425	472	11.1	.....
February	410	471	14.9	.....	430	452	5.1	.....
March	484	548	13.2	.....	455	526	15.6	.....
April	506	490	.....	3.2	432	482	11.6	.....
May	481	484	0.6	.....	424	488	15.1	.....
June	458	426	.....	7.0	405	481	18.7	.....
July	487	466	.....	4.3	377	456	21.0	.....
August	503	471	.....	6.4	395	473	19.7	.....
September	531	479	.....	9.6	391	466	19.2	.....
October	604	490	.....	18.9	441	482	9.3	.....
November	548	511	.....	6.8	418	368	.....	11.9
December	493	508	3.0	.....	459	341	.....	25.7
Total	5,992	5,877	.....	1.9	5,052	5,487	8.6	.....

Traffic Through the Panama Canal During Calendar Year 1936, by Nationality

Nationality	No. of ships	Tonnage				Tolls	Tons of cargo
		Panama Canal net	United States equivalent	Registered gross	Registered net		
Argentine	1	.....	.....	.....	.....	$1,186.00	.....
British	1,416	7,784,332	5,509,657	9,206,994	5,565,259	6,608,248.02	6,785,926
Chilean	19	69,464	53,215	96,466	56,550	66,518.75	84,817
Chinese	3	13,228	9,950	16,253	9,954	11,754.31	12,347
Cuban	2	.....	.....	.....	.....	1,080.00	.....
Danish	173	760,412	483,506	827,149	504,257	584,228.07	655,496
Estonian	2	7,260	7,190	9,376	5,868	7,052.25	6,400
French	91	528,920	340,787	639,807	353,732	424,039.35	504,826
German	321	1,286,318	874,600	1,519,892	901,289	1,098,440.34	1,415,677
Greek	60	273,123	201,053	308,401	189,621	236,161.30	325,275
Honduran	31	48,398	42,805	78,804	44,689	43,873.74	11,575
Italian	45	322,953	196,201	380,644	225,604	242,693.06	159,426
Japanese	273	1,586,187	1,175,050	1,895,660	1,170,560	1,467,526.01	1,669,466
Mexican	2	.....	.....	.....	.....	1,316.50	.....
Netherlands	192	745,024	510,799	858,392	511,493	608,408.91	648,244
Norwegian	626	3,011,884	2,036,554	3,394,630	2,039,151	2,385,999.40	3,113,381
Panamanian	198	584,003	442,781	799,200	440,494	507,537.66	647,933
Peruvian	8	6,560	5,916	8,620	4,676	8,551.00	4,374
Polish	1	563	535	1,561	525	405.36	.....
Spanish	3	13,266	11,209	18,089	11,118	14,011.25	26,265
Swedish	132	614,180	430,926	1,075,465	526,074	493,916.38	894,541
United States	1,869	10,268,496	7,152,337	11,927,301	7,036,431	8,646,887.86	10,270,352
Venezuelan	4	4,324	4,232	8,168	4,320	4,181.40	3,684
Yugoslav	15	70,941	54,052	86,670	53,878	67,565.00	129,610
Calendar year 1936	5,487	27,999,836	19,543,355	33,157,542	19,655,543	23,531,581.92	27,369,615
Calendar year 1935	5,052	26,796,703	18,605,415	31,734,963	18,786,413	22,421,206.62	24,701,904
Calendar year 1934	5,342	28,970,590	20,519,092	34,659,038	20,685,311	24,358,323.00	25,900,152

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons or over, Panama Canal measurement.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of $0.50 per ton displacement. Included in the preceding tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels which transited the Canal during the calendar year 1936 and paid tolls on the basis of displacement tonnage, as follows:

Nationality	No. of vessels	Displacement tonnage	Tolls
Argentine	1	2,372	$1,186.00
British	10	59,933	29,966.50
Cuban	2	2,160	1,080.00
German	1	5,900	2,950.00
Japanese	4	41,273	20,636.50
Mexican	2	2,633	1,316.50
Peruvian	4	2,312	1,156.00
Total	24	116,583	58,291.50

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Traffic Through the Panama Canal in February 1937

The total vessels of all kinds transiting the Panama Canal during the month of February 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	February 1935	February 1936	February 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial vessels	430	452	205	172	377
Small commercial vessels [1]	48	57	41	37	78
Noncommercial vessels:					
United States Government	26	33	24	21	45
State of California	.....	1	.....	.....	.....
For repairs	5	.....	.....	.....	.....
Total	509	543	270	230	500

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended February 28, 1937, as compared with the previous twelve months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
March	455	526	2,398,231	2,714,768	2,210,434	2,634,150	$2,018,114.62	$2,293,874.51
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	1,890,572.41	2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
Total	5,121	5,339	27,030,595	27,123,148	25,224,402	26,761,374	22,654,339.11	22,760,985.48

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for February 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 99	560,899	523,252	Latvian	1	2,770	.....
Chilean	2	7,705	8,516	Netherlands	18	79,984	58,305
Colombian	1	1,629	.....	Norwegian	59	286,813	262,712
Danish	21	84,876	78,705	Panamanian	10	27,137	43,891
Estonian	1	2,337	4,700	Spanish	1	3,432	.....
French	8	44,588	35,286	Swedish	9	44,266	42,376
German	27	127,563	120,202	United States	88	499,706	467,455
Greek	5	22,490	30,491	Venezuelan	2	2,162	1,845
Honduran	2	3,072	790				
Italian	2	15,385	5,066	Total	377	1,940,611	1,839,788
Japanese	21	123,797	156,196				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[4] Two naval vessels, 2,739 tons displacement.

Traffic by Trade Routes, February 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	26	150,718	130,126	10	86,597	56,006
East coast United States and:						
Canada	2	7,750	.....	.....	.....	.....
Central America	2	2,865	2,400	2	2,935	2,990
South America	36	190,611	15,290	24	93,305	180,800
Hawaiian Islands	6	29,816	26,686	4	21,538	31,406
Australasia	5	30,376	26,098	.....	.....	.....
Philippine Islands	10	60,601	73,598	12	71,071	94,713
Far East	20	108,095	155,988	9	52,117	58,789
East coast Canada and:						
Australasia	4	26,347	19,522	1	4,139	3,306
Far East	1	6,670	7,116	.....	.....	.....
East coast Central America and:						
South America	.....	.....	.....	1	4,069	.....
Australasia	1	4,851	7,475	.....	.....	.....
South American intercoastal	1	5,071	10,800	.....	.....	.....
East coast South America and:						
United States	2	8,164	630	1	5,086	7,410
Canada	1	5,026	5,950	.....	.....	.....
Far East	1	5,798	4,193	.....	.....	.....
Cristobal and:						
Central America	5	4,460	3,430	4	3,727	4,588
South America	11	8,151	4,043	10	6,041	5,876
West Indies and:						
United States	1	5,854	.....	6	35,178	66,429
South America	2	9,809	6,006	2	11,798	24,846
Balboa	1	1,081	1,845	1	1,081	.....
Europe and:						
United States	11	67,889	.....	7	34,994	64,326
Canada	18	103,276	39,721	37	203,678	294,506
Central America	1	2,293	843	1	2,471	2,570
South America	22	118,131	39,856	23	129,547	208,584
Hawaiian Islands	1	11,781	.....	1	4,559	9,576
Australasia	8	73,958	47,619	9	70,304	57,085
Far East	.....	.....	.....	2	10,642	16,900
Asia and west coast Canada	1	2,039	.....	2	4,904	3,323
Around the world	2	18,429	7,624	1	7,049	8,900
Vessels not engaged in commerce	3	3,871	.....	[5] 2	.....	.....
Total	205	1,073,781	636,859	172	866,830	1,202,929

[5] Two naval vessels.

Origin and Destination of Cargo by Major Areas, February 1937

The following table summarizes the origin of cargo passing through the Canal in February 1937, and its destination by major geographical trade areas; and comparative totals for the corresponding month in 1936.

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	134,346	33,600	232,866	14,999	27,001	442,812
Other North America	2,268	5,944	3,624	12,603	26,094	50,533
Europe	18,789	18,428	.....	36,399	47,619	121,235
Miscellaneous	7,401	1,289	2,485	11,104	.....	22,279
Total, February 1937	162,804	59,261	238,975	75,105	100,714	636,859
Total, February 1936	247,128	54,282	184,813	74,796	61,246	622,265

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	57,103	73,042	86,405	2,475	219,025
Canada	.....	1,568	264,814	5,437	271,819
Other North America	34,417	6,255	18,496	.....	59,168
South America	176,662	35,776	207,617	51	420,106
Australasia	9,038	1,733	49,620	.....	60,391
Asia	153,071	2,449	16,900	.....	172,420
Total, February 1937	430,291	120,823	643,852	7,963	1,202,929
Total, February 1936	778,258	76,649	647,196	27,663	1,532,766

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during February 1937 or February 1936, are listed below:

Commodity	February		Commodity	February	
	1936	1937		1936	1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	32,739	3,594			
Asphalt and tar	1,953	14,567			
Automobiles and parts	30,708	25,487	Coffee	18,592	19,813
Cement	18,086	15,849	Cold storage (food products) [6]	32,862	27,950
Cotton, raw	20,988	33,781	Copra	8,710	12,661
Iron and steel manufactures	89,097	86,661	Flour	25,237	9,254
Machinery	14,945	11,906	Fruit, dried	18,455	7,980
Metals, various	12,428	29,806	Fruit, fresh [7]	21,867	23,058
Nitrates	10,861	7,551	Lumber	253,910	131,558
Oils, mineral	45,965	50,871	Metals, various	46,794	44,172
Ores, various	15,497	2,038	Molasses and syrups	248	10,376
Paper	25,506	31,350	Nitrates	150,776	130,682
Phosphates	37,561	9,466	Oils, mineral	218,030	256,152
Scrap metal	41,939	79,905	Oils, vegetable	18,400	17,959
Slag	2,150	21,143	Ores, various	123,126	91,265
Sulphur	14,088	8,562	Rubber	11,639	4,161
Tinplate	18,455	23,277	Soy beans	25,058	16,947
			Sugar	72,166	96,870
Pacific to Atlantic			Wheat	202,914	115,064
Beans edible	17,792	17,974	Wood pulp	17,564	647
Canned goods	76,722	48,393	Wool	12,713	14,515

[6] Except fresh fruit. [7] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of February 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	52	.....
Agricultural implements	581	.....	2,999	.....
Alfalfa meal	.....	.....	.....	90
Ammonium compounds	240	.....	3,594	.....
Animal foods [8]	41	39	41	1,599
Apparel, wearing (hats, shoes, clothing, etc.)	35	.....	35	20
Asbestos	21	.....	2,485	.....

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Asphalt and tar	773	.....	14,567	14
Automobiles (and autotrucks)	742	10	16,455	13
Automobile parts and accessories	198	72	9,032	72
Bamboo and products	.....	.....	.....	442
Bags and bagging, textile	82	.....	316	418
Bananas	.....	.....	.....	1,351
Barks, miscellaneous	.....	.....	78	324
Barley	.....	39	.....	5,019
Beans, edible, dry	.....	2,176	6	17,974
Beer	130	.....	332	39
Beverages, nonalcoholic	147	.....	155	.....
Blood and tankage	.....	.....	.....	72
Bones and bone meal	.....	22	15	51
Books and printed matter	7	.....	33	.....
Borax	65	144	385	766
Bran and pollards	.....	.....	40	2,439
Bricks and tile	16	.....	313	72
Camphor, crude	.....	.....	.....	10
Canned and preserved goods:				
Fish	485	1,185	697	8,595
Fruit	1,870	7,207	1,955	33,532
Meat	460	100	1,113	2,024
Milk	.....	20	1,088	265
Soup	713	5	902	5
Vegetables	1,470	907	1,540	907
Miscellaneous and unclassified	1,216	2,400	1,867	3,065
Carbon black	.....	.....	1,477	.....
Celite	.....	30	.....	30
Cement	235	.....	15,849	.....
Charcoal	13	.....	340	.....
Chemicals [3]	1,868	200	8,482	483
Clay, china and fire	60	22	244	83
Clay, filtering	600	.....	600	.....
Coal	820	.....	1,912	10
Cocoa and cacao beans	394	.....	835	756
Coconuts and products [3]	34	603	34	1,394
Coffee	255	.....	4,112	19,813
Coke	.....	.....	2,992	.....
Cold storage and refrigerated products:				
Dairy products	60	.....	245	14,090
Eggs	.....	.....	.....	283
Fish	65	.....	153	1,406
Lard	250	.....	344	272
Meats	.....	142	65	11,855
Poultry	.....	.....	.....	16
Other and unclassified	18	28	97	28
Confectionery	243	.....	312	3
Copra	.....	.....	.....	10,008
Copra meal and cake	.....	.....	.....	2,653
Corn	.....	.....	3,204	3,500
Cotton, raw	75	166	33,781	8,346
Drugs and medicines	964	.....	2,704	37
Dyes	.....	.....	371	4
Earthenware	46	13	46	97
Eggs, dried	.....	.....	.....	119
Electrical apparatus and appliances	212	150	774	150
Explosives	.....	.....	186	5
Fertilizers [3]	.....	.....	4,773	.....
Fish meal	.....	.....	115	3,311
Floor coverings	1,202	190	1,202	1,107
Flour	198	5,503	1,573	9,254
Fruit, dried	.....	4,229	.....	7,980
Fruit, fresh [3]	.....	567	340	23,058
Furniture and household goods	408	31	410	35
Gallnuts	.....	.....	.....	86
General	18,126	1,472	51,492	8,782
Glass and glassware	887	25	2,889	685
Glue	166	23	167	47
Grains [3]	.....	45	270	518
Groceries	524	45	884	914
Gums	.....	22	.....	103
Hair, all kinds	80	45	80	282
Hay	.....	.....	.....	40
Hemp, unmanufactured	.....	.....	166	1,916
Honey	.....	85	.....	244
Hops	.....	5	.....	5
Horns and hoofs	.....	.....	15	48
Infusorial earth	.....	.....	17	170
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	46,229	66	86,661	68

[3] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Ivory nuts				3,207
Jute, unmanufactured		45	43	1,129
Lard substitute			25	159
Lime			55	
Liquors	1,148		2,667	461
Lumber (including manufactured mill products)	2,716	6,816	6,918	131,558
Machinery	1,747	303	11,906	384
Malt			151	100
Manufactured goods [8]	2,306	142	5,305	2,169
Marble and granite	160		171	
Matches	10		153	4
Metals:				
Antimony				418
Chrome				30
Copper	282	900	3,255	29,279
Gold and silver				21
Iron	520		19,209	66
Lead		180	1,564	11,422
Tin	20	25	2,558	673
Zinc			1,432	1,887
Other and unclassified	387	169	1,788	376
Milk, powdered				100
Molasses and syrups	225		255	10,376
Nitrate	47		7,551	130,682
Nuts, edible (including meats)	45		79	1,046
Oats	21	200	21	3,549
Oils, mineral:				
Crude			45	84,776
Gas and fuel		14,000	16,830	39,730
Gasoline, benzine, and naphtha			3,875	76,377
Kerosene			206	55,128
Lubricating and greases	11,114	91	29,604	141
Other and unclassified	311		311	
Oils, vegetable:				
Coconut				3,176
Cottonseed			266	254
Linseed	50		695	
Olive			266	
Peanut				4,298
Rapeseed		79		79
Wood				5,781
Other and unclassified	277		593	4,371
Oil, fish	111	624	145	1,587
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)				864
Oilseed cake and meal				9,331
Ores:				
Antimony			80	282
Copper			950	1,665
Gold and silver				6,700
Iron			5	63,900
Lead				326
Magnesite		510	51	3,430
Manganese	121		345	107
Tin				3,760
Zinc				3,749
Other and unclassified	35		607	7,346
Paints and varnishes	962		2,637	
Paper and paper products [8]	7,989	633	30,830	1,878
Paper scrap			520	
Peanuts	152		152	
Peas, dry			69	
Phosphates	165		9,466	
Plaster	18		126	
Porcelainware	157		728	2,987
Potash		55	2,590	55
Pyrethrum flowers				194
Rags and waste	184	60	504	3,369
Railroad material			296	
Rice	1,285		2,639	3,236
Rope and twine	345	9	397	219
Rosin	1,530		5,477	
Rubber:				
Manufactured	279	150	929	182
Raw				3,955
Scrap			363	24
Salt			2,579	
Sand			103	
Scrap metal	350		79,905	128
Seeds (except oilseeds)		159	157	1,282
Shells, oyster	1,025		1,025	17

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Silk, raw	.....	25	56	1,765
Skins and hides	.....	473	447	3,971
Slag	.....	.....	21,143	.....
Soaps and products	981	.....	1,357	119
Soda and sodium compounds:				
Soda ash	1,557	.....	1,583	100
Soda, caustic	.....	.....	1,836	30
Miscellaneous and unclassified	683	.....	2,624	61
Soy beans	.....	.....	.....	16,947
Sugar	81	2,092	224	96,870
Sulphur	8,406	.....	8,562	1,417
Talc	82	37	102	157
Tallow	.....	.....	11	1,404
Tea	152	18	329	1,482
Textiles [9]	1,743	.....	6,183	5,835
Tinplate	360	.....	23,277	575
Tobacco and manufacturers	146	.....	7.753	246
Toilet preparations	77	67	192	119
Turpentine	35	.....	300	.....
Vegetables, dry [8]	46	.....	182	1,952
Wall board	.....	.....	555	614
Wax, paraffin	369	.....	1,096	42
Wheat	.....	518	1,034	115,064
Wines	73	332	716	1,945
Wood pulp	127	.....	5,262	647
Wool	10	358	245	14,515
Total, February 1937	134,346	57,103	636,859	1,202,929
Total, February 1936	185,215	439,451	622,265	1,532,766
Total, February 1935	156,383	386,198	534,544	1,301,839

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of February 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	4	22,353	8,624	1	7,910	14,000
East coast United States and Hawaiian Islands	1	4,412	.....	.....	.....	.....
East coast Central America and South America	.....	.....	.....	1	4,069	.....
South American intercoastal	1	5,071	10,800	.....	.....	.....
East coast South America and United States	1	6,806	.....	.....	.....	.....
West Indies and:						
United States	1	5,854	.....	6	35,178	66,429
South America	2	9,809	6,006	2	11,798	24,846
Balboa	1	1,081	1,845	1	1,081	.....
Europe and:						
United States	7	49,639	.....	5	30,346	61,188
South America	6	33,267	.....	7	43,353	89,548
Hawaiian Islands	.....	.....	.....	1	4,559	[10] 9,576
Total	24	138,292	27,275	24	138,294	265,587

[10] Molasses.

First Vessel of Latvian Registry to Transit the Canal

The first vessel of Latvian registry to transit the Panama Canal was the coal-burning steamer *Rasma*, of 2,770 Panama Canal net tons, which passed through the Canal in ballast on February 10, 1937, en route from Wilmington, North Carolina, to Tocopilla, Chile, for a cargo of nitrate. The *Rasma* is owned by the Latvian State Shipping Board of Riga, Latvia, and was built in 1902.

Comparison of Canal Traffic in February 1937, with February Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of February			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[11] 88	317	424	1915	[12] 100	361	466
1916	([13])	.....	.....	1916	60	199	258
1917	130	463	547	1917	145	483	588
1918	149	487	473	1918	165	547	627
1919	153	512	563	1919	162	510	576
1920	200	703	780	1920	199	712	781
1921	236	916	953	1921	232	950	966
1922	207	886	838	1922	222	951	907
1923	318	1,529	1,563	1923	325	1,550	1,631
1924	415	2,109	2,244	1924	429	2,179	2,249
1925	369	1,788	1,839	1925	382	1,904	1,996
1926	416	1,990	2,139	1926	424	2,064	2,169
1927	435	2,200	2,229	1927	441	2,184	2,311
1928	523	2,458	2,659	1928	521	2,453	2,468
1929	510	2,427	2,549	1929	524	2,485	2,554
1930	475	2,368	2,377	1930	502	2,497	2,502
1931	419	2,133	1,929	1931	447	2,314	2,089
1932	345	1,877	1,645	1932	364	1,977	1,650
1933	344	1,831	1,434	1933	347	1,900	1,513
1934	452	2,462	2,124	1934	436	2,379	2,059
1935	430	2,205	1,836	1935	432	2,317	2,109
1936	452	2,322	2,155	1936	449	2,335	2,209
1937	377	1,941	1,840	([14])	420	2,121	2,102

[11] Canal opened August 15, 1914. [12] Average for 10½ months of fiscal year ended June 30, 1915. [13] Canal closed account of slides. [14] Average for 8 months of fiscal year 1937.

Terminal Activities

Ships on which repairs were completed during the month of February 1937, numbered 57, including 8 which were drydocked. Fuel oil in the quantity of 304,773 barrels was delivered as bunkers to 137 commercial ships. Bunker coal amounting to 6,125 tons was delivered to 23 commercial ships. Sales of commissary supplies to ships aggregated $63,272.79.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Cargoes of bunkers arriving:			
Fuel oil, gasoline, etc. ..... tons	13,959	32,968	46,927
Coal ..... tons	8,957	.....	8,957
Local cargo arriving ..... tons	17,430	8,579	26,009
Local cargo shipped ..... tons	2,440	438	2,878
Cargo received for transshipment ..... tons	40,460	1,088	41,548
Cargo transshipped ..... tons	38,004	575	38,579
"Canal Zone for Orders" cargo:			
Number of receipts issued	8	2	10
Number of releases issued	24	7	31
Tons received	19	12	31
Tons withdrawn	28	6	34

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	458	2,966,862	1,750,984	421	2,409,388	1,440,731
Vessels entering port but not transiting Canal	68	594,917	349,603	18	62,674	35,948
Vessels transiting Canal and handling passengers and cargo at terminal ports	111	660,532	382,867	98	660,315	381,418
Ships clearing						
All vessels, including those transiting Canal	459	2,978,209	1,760,641	425	2,414,895	1,441,733
Vessels clearing port but not transiting Canal	66	600,301	353,579	18	64,241	34,606
Vessels transiting Canal and handling passengers and cargo at terminal ports	109	647,354	375,178	99	662,623	382,701

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, February 10, 1937, to midnight, March 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Maria, 575, 0
Noshiro Maru, 515, 3
Veragua, 169, 95
Newsome, 0, 468
Trois Ilets, 0, 119
Buenaventura, 2,196, 682
Sixaola, 807, 304
Washington, 285, 440
Itauri, 227, 10
Ino, 436, 186½
Seattle, 312, 571
Cali, 670, 372
Mayan, 0, 881
Colombia, 276, 8
Cuba, 13, 1
Punta Arenas, 88, 0
Cerigo, 842, 458
Toloa, 427, 201
Haiti, 421, 1,008
Steel Seafarer, 178, 0
Nuevo Panama, 235, 115
Veragua, 107, 4
Cuba, 0, 722
Kongo Maru, 202, 0
Nansenville, 403, 101
Cefalu, 116, 811
Delftdijk, 416, 289
Santa Clara, 386, 68
Tatsuno Maru, 132, 0
Santa Lucia, 630, 283
Santa Elena, 111, 15
Ancon, 4,012, 708
Salvador, 1,005, 718
Quirigua, 165, 56
Tivives, 350, 335
Santa Paula, 57, 484
Orduna, 33, 277
Alaska, 116, 146
Europa, 0, 39
Trois Ilets, 372, 0
Hokuroku Maru, 460, 185
Baarn, 0, 127
Istmo, 0, 110
Narenta, 248, 106
Clio, 303, 59
Calamares, 341, 209
West Cactus, 39, 66
Cacique, 0, 714
Pastores, 326, 592
Saarland, 132, 271
Attika, 175, 0
Vancouver, 660, 145
Nako Maru, 440, 1
Scholar, 167, 0
Nuevo Panama, 224, 592
Fulda, 174, 332
Manizales, 810, 382
Phrygia, 5, 988½
Quirigua, 171, 43½
Cumbal, 401, 0
Balboa, 83, 186
Cordillera, 451, 25
Angol, 272, 0
Troja, 11½, 185
Contessa, 517, 1,319
Baru, 85, 27
Pereira, 1,081½, 0
President Lincoln, 1, 4
Santa Rita, 65, 15
Duesseldorf, 176, 100
Schwaben, 3, 141
Colombia, 25, 759
Pasajero, 0, 6½
Bennekom, 156, 339
Orazio, 107, 787
Trois Ilets, 273, 12
Loreto, 2, 671
Guayaquil, 1,739, 425
Santa Inez, 315, 149
Peten, 214, 24
Canadian Conqueror, 101, 528
Ino, 608, 51
Marore, 8,957, 0
Pacific, 220, 136
Tillie Lykes, 308, 298
Santa Marta, 463, 60
Istmo, 680, 97
Tai Yin, 782, 0
Tuira, 46, 41
Osnabruck, 384, 278
San Mateo, 220, 92
Ulua, 419, 156
Colombia, 483, 1,219
Smaland, 178, 50
Chimu, 151, 336
Curaca, 158, 620
Chilore, 9,993, 0
Counsellor, 219, 11
Invercorrie, 970, 0
Peten, 29, 40
San Marcus, 473, 16
Ville de Verdun, 0, 146
Santa Rosa, 630, 11
De La Salle, 256, 799
Baru, 79, 144
Venezuela, 181, 7
Cefalu, 224, 1,123
Chemnitz, 383, 201
Pereira, 811, 630
Santa Clara, 410, 130
Chipana, 726, 204
Lochmonar, 236, 143½
Cordillera, 52, 1,616
Santa Barbara, 176, 7½
Drechtdijk, 233, 64
Belfast Maru, 462, 0
Feodosia, 175, 254
Acajutla, 1,119, 878
Evanger, 50, 0
Norfolk, 68, 0
Pasajero, 1½, 0
Trois Ilets, 337, 189
Cristobal, 4,907, 1,131
Durazzo, 1,226, 0
R. L. Hustler, 2, 0
Lochkatrine, 399, 58
Veragua, 99, 173
Benjamin Franklin, 67, 1,143
Metapan, 451, 324
President Pierce, 102, (100 lbs.)
Fella, 60, 1,849
Jefferson Myers, 48, (662 lbs.)
Santa Elena, 88¼, 259
Cornwall, 109¼, 136
Rhakotis, 48, 332
Istmo, 673, 0
Clio, 518, 182
Virgilio, 154, 48
Arica, 949, 0
Cali, 989, 235
Toloa, 416, 304
Haiti, 230, 937
Venezuela, 5, 931
San Francisco, 213,220
Reina del Pacifico, 32, 169
San Vincente, 270, 0
Veragua, 44, 35
Cacique, 658, 65
Lincoln Ellsworth, 8,424, 0
Nuevo Panama, 0, 170
Santa Maria, 33, 1½
Mayan, 2,030, 0
Nanman Maru, 523, 0
Barneveld, 390, 89
Contessa, 286, 1,527
Chincha, 142, 132
Baru, 82, 56
Anneta I, 37¾, 0
Amerika, 2, 0
Kirishima Maru, 151, 0

BALBOA

Santa Inez, 0, 4
Santa Maria, 50, 10
Chateau Thierry, 260, 206
Frida, 0, 17
Pennsylvania, 46, 81
President Adams, 4, 18
Seattle, 1,256, 10
Mayan, 0, 69
Neches, 6,500, 0
Ludington, 2,320, 820
Nansenville, 1,218, 0
Beaconstreet, 11,561, 0
Salvador, 2, 0
Santa Clara, 24, 16
Juanita, 1,824, 0
Santa Lucia, 180, 43
Santa Paula, 8, 8
Heiyo Maru, 0, 23
Chiriqui (U. S.), 200, 20
Chiriqui (Panama) 324, 0
Iocoma, 313, 0
Cuba Maru, 513, 0
Santa Maria, 12,780, 0
Takoaka Maru, 330, 0
Nourmahal, 0, 2
Tai Yin, 189, 0
Santa Inez, 116, 0
Talamanca, 168, 57
President Harrison, 42, 74
Curaca, 18, 0
Chimu, 19, 48
Santa Rosa, 433, 110
Virginia, 0, 43
Fella, 1,639, 0
El Aleto, 10,541, 0
Santa Barbara, 105, 0
La Purisima, 6,033, 0
Iolanda, 14, 0
Santa Clara, 141, 72
Nuevo Panama, 10, 0
Santa Elena, 5, 0
Antigua, 464, 32
Barneveld, 294, 0
Santa Maria, 29, 0
Chincha, 38, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Passengers disembarking at Cristobal from ocean-going vessels numbered 1,841, embarking 1,877; at Balboa, disembarking 604, embarking 688. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,963, from the Pacific to the Atlantic 2,937. Aircraft numbering 55 entered Cristobal, and 211 passengers disembarked; clearances were 56, with 224 passengers embarking; at Balboa entries of aircraft were 50, with 81 passengers disembarking: clearances 50, with 115 passengers embarking.

New Diesel-Electric Tug "Gatun" Being Built for Dredging Division

On February 17, 1937, the keel of the new Diesel-electric tug *Gatun* was laid on building slip abreast of Balboa Drydock No. 2. The bow of this tug had previously been built inside the boiler shop, to a large extent riveted up, and then assembled with respect to the keel at the building ways, after which construction commenced on the middle body of the vessel so as to complete the hull ready for launching. It is proposed to launch the tug about the middle of May 1937.

The principal dimensions will be as follows:

Length over all (molded), 125 feet, 7 inches.
Length between perpendiculars, 112 feet.
Beam (molded), 28 feet.
Depth (molded) at side, 15 feet, 7 inches.
Mean draft, normal, 13 feet, 3 inches.
Displacement, normal, 641 tons.

The tug will have a speed of approximately 11 knots, and will replace the Dredging Division's tug *Bohio*, which is to be retired from service.

Movements of Ocean Vessels Through the Panama Canal

From midnight February 10, 1937, to midnight March 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Dalcroy	11	11	Brit.	Messrs. Bonomo, N.Y.	Baltimore, Md.	Kobe, Japan	Scrap iron	7,657
Havsten [1] [2]	11	11	Nor.	Brunn & Von du Lippe	Curacao, D. W. I.	Peru	Fuel oil	6,006
Manizales	10	11	Ger.	North German Lloyd	Cristobal, C. Z.	Manta, Eucador	Ballast	
Erlangen	11	11	Ger.	North German Lloyd	Pensacola, Fla.	Australia	Oil, general	7,607
Chipana	11	11	Amer.	Grace Line	Charleston, S. C.	Callao, Peru	Ballast	
Santa Maria [2]	11	12	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,207
Lebore	11	12	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Fernglen [2]	11	12	Nor.	Fern Line	Mobile, Ala.	Osaka, Japan	([13])	8,348
Enoch [3]	11		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
Columbus	12	13	Ger.	North German Lloyd	New York, N. Y.	New York, N. Y.	Passengers	
Pennsylvania	12	13	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,960
Port Brisbane	11	12	Brit.	Com'lth & Dom. Line	Philadelphia, Pa.	Frem'tle, Aust'lia	General	6,586
Erviken	12	12	Nor.	Chile Nit. Sales Corp	Gulfport, Miss.	Chile	Ballast	
Port Denison	12	12	Brit.	Port Line, Ltd.	Halifax, N. S.	Melbourne, Aust.	General	5,336
K. R. Kingsbury [1]	12	12	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Oil	8,624
Sage Brush	12	12	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	4,044
Ingerseks	12	13	Nor.	Chile Nit. Sales Corp	Charleston, S. C.	Chile	Ballast	
Svealand [2]	12	13	Swed.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Frank [3]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Washington [2]	12	13	Fr.	French Line	Le Havre, France	Vancouver, B. C.	General	4,065
Foylebank [2]	12	13	Brit.	Bank Line	New York, N. Y.	Osaka, Japan	([15])	5,474
Skagerak [2]	12	13	Nor.	"K" Line, Kobe	Houston, Tex.	Kobe, Japan	([16])	7,352
President Adams	13	13	Amer.	Dollar Line	New York, N. Y.	Round the world	General	2,471
Stirlingville [2]	13	13	Nor.	Chile Nit. Sales Corp	Tampa, Fla.	Tocopilla, Chile	Ballast	
Patrick Henry	12	13	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Cebu, P. I.	Cotton, gen.	9,846
Tacoma City	13	13	Brit.	Reardon-Smith Line	Mobile, Ala.	Moji, Japan	General	8,163
President Herrenschmidt. [1] [2]	13	13	Nor.	Pechelbronn	Donges, France	Talara, Peru	Ballast	
Trois Ilets	8	13	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	110
Ino [2]	12	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Euca.	General	170
Leticia [3]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Rotterdam	13	14	Neth.	Holland-Amer. Line	New York, N. Y.	New York, N. Y.	Passengers [8]	
W. S. Miller [2]	13	14	Amer.	Standard Oil of Calif.	Tiverton, R. I.	Los Angeles, Cal.	Ballast	
Strinda [1] [2]	13	14	Nor.	L. Mowinckel's Rederi	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Cummings [9]	14	17	Amer.	U. S. Navy	New Orleans, La.	Callao, Peru	Ballast	
Santos Maru [2]	14	14	Jap.	Osaka Shosen Kaisha	Montevideo, Uru.	Kobe, Japan	([17])	4,193
Horace Luckenbach.	14	14	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,707
Punta Arenas	13	14	Chile	Chile-N. Amer. Line	New York, N. Y.	Valparaiso, Chile	Gen., expl.	2,370
Knoxville City	14	14	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	General	7,210
Seattle [2]	12	18	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	8,591
Tosca [2]	14	14	Nor.	Knut Knutsen, O.A.S.	Baltimore, Md.	Vancouver, B. C.	Ballast	
Steel Inventor	14	14	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hawaiian Islands	Steel, gen.	5,245
Cali	12	15	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Euca.	General	549
Mayan	10	15	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	881
Athelregent [1] [2]	14	15	Brit.	Standard Oil of Calif.	London, England	Los Angeles, Cal.	Ballast	
Coloradan	15	15	Amer.	Amer.-Hawaiian Line	New York, N. Y.	Seattle, Wash.	General	6,220
Hertford	15	16	Brit.	Fed. Steam Nav. Co.	Glasgow, Scot.	New Zealand	Ballast	
Ludington [8]	13	18	Amer.	U. S. Army	Brooklyn, N. Y.	Honolulu, T. H.	General	6,811
Celtic Star	15	15	Brit.	Blue Star Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Almirante [3]	15	15	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Nuevo Panama [2]	14	15	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	220
Steel Seafarer	14	16	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Singapore, St. Set.	General	6,805
Nansenville [2]	15	16	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	7,834
Risanger	15	16	Nor.	Chile Nit. Sales Corp	Charleston, S. C.	Tocopilla, Chile	Ballast	
Kurama Maru [2]	15	16	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([18])	9,016
Kwansai Maru [2]	15	16	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	Gen., autos.	7,877
British Columbia Express. [2]	15	16	Nor.	Fruit Express Line	Glasgow-Eng.	N. Westm'er, B.C.	Ballast	
M-238 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
L-51 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Lt. Col. H. C. Schumm. [4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Kano Maru [2]	16	16	Jap.	Kokusai Kisen Kaisha	Philadelphia, Pa.	Kobe, Japan	([19])	7,116
Point Clear	16	16	Amer.	Swayne & Hoyt	Lake Charles, La.	Seattle, Wash.	General	6,250
Pan Europe [1] [2]	16	16	Nor.	Huasteca Pet. Co.	Thamesh'n, Eng.	Los Angeles, Cal.	Ballast	
Hoegh Carrier [2]	16	19	Nor.	Chile Nit. Sales Corp	Baltimore, Md.	Iquique, Chile	Ballast	
Queen Anne [2]	16	16	Brit.	Anglo-Can. S. S. Co.	Glasgow-Eng.	Los Angeles, Cal.	Ballast	
Harald Brovig [1] [2]	16	17	Nor.	Th. Brovig	Hamburg, Ger.	Estero Bay, Calif.	Ballast	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Miraflores, C. Z.	([20])	
Port Hobart [2]	17	17	Brit.	Port Line	Glasgow, Scot.	N. Plym'th, N. Z.	General	6,100
Leticia [3]	17		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Amerikaland [2]	17	18	Swed.	Ore S. S. Corp	New York, N. Y.	Cruz Gr'de, Chile	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [9] Destroyer. [13] Cotton, pig iron. [14] For bananas and return to Cristobal. [15] Scrap iron, lubricating oil. [16] Phosphate, cotton. [17] Coffee, cotton, general. [18] Cotton, aluminum, etc. [19] Iron, asbestos, etc. [20] Towing barge No. 2.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Neches [1]	16	17	Amer.	U. S. Navy	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Point Sur	17	18	Amer.	Swayne & Hoyt	Galveston, Tex.	Portland, Oreg.	Sulphur	3,839
Tuira [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Frank [3]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	16	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Santa Lucia	17	18	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,678
Greystoke Castle [2]	17	18	Brit.	James Chambers & Co.	Newp't News, Va.	Yawata, Japan	Scrap steel	7,074
Tercero [2]	18	18	Nor.	Chile Nit. Sales Corp.	Philadelphia, Pa	Iquique, Chile	Ballast	.....
Dessau	17	18	Ger.	North German Lloyd.	Baltimore, Md.	Antof'gasta, Chile	Ballast	.....
Northmoor [2]	18	19	Brit.	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast	.....
Juanita [2]	18	...	Venez.	Shell Oil Co.	Curacao, N. W. I.	Balboa, C. Z.	([15])	1,845
Temple Lane	18	19	Brit.	Chile Nit. Sales Corp.	Flushing, Neth.	Taltal, Chile	Ballast	.....
Pacific President [2]	18	19	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	978
Taygetos	18	19	Greek	Chile Nit. Sales Corp.	New York, N. Y.	Antof'gasta, Chile	Ballast	.....
Mary Ann [13]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Silverlarch [2]	15	19	Brit.	Silver Line, Ltd.	New York, N. Y.	Hongkong, China	General	6,470
Nordfarer [2]	18	19	Dan.	West Indian Trad. Co.	Aalborg, Den	Guayaquil, Ecua.	([16])	4,865
Mary D.	19	19	Amer.	Kieckhofer Container.	Philadelphia, Pa	Seattle, Wash.	Wire, twine	4,109
Artemisia	19	19	Brit.	Long Island Mach. Co.	Jacksonville, Fla.	Moji, Japan	Scrap iron	8,239
Inapaquina [2]	19	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Selje	19	19	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Gertrude Maersk [2]	19	19	Dan.	Isbrandtsen Moller Co.	New York, N. Y.	Cebu, P. I.	General	7,352
Cingalese Prince [2]	19	19	Brit.	Prince Line, Ltd.	New York, N. Y.	Moji, Japan	General	7,794
John Bakke [2]	19	20	Nor.	Scand.-S. Pacific Line.	Goth'burg, Swed.	Talcahuano, Chile	General	1,801
Santa Paula	19	20	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	4,049
Rangitata [2]	20	20	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	6,473
Narino No. 5 [2] [4]	19	21	Colom.	S. A. Gold & Plat. Co.	New Orleans, La.	Tumaco, Col.	Ballast	.....
Susan A. Moran [4]	19	21	Amer.	Susan A. Moran, Inc.	New Orleans, La.	Tumaco, Col.	Ballast	.....
Point Montara	20	20	Amer.	Gulf-Pacific Line.	Mobile, Ala.	Portland, Oreg.	([17])	4,660
Yorkmar	20	20	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,934
Lucenic	20	...	Brit.	Chile Nit. Sales Corp.	Newp't News, Va.	Iquique, Chile	Ballast	.....
Point Reyes	20	21	Amer.	Swayne & Hoyt	Pt. Sulphur, La.	Portland, Oreg.	Sulphur	4,467
Trois Ilets	19	20	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Alaska	19	20	Fr.	French Line	Dunkerque, Fr.	Corral, Chile	Iron, gen.	1,710
Clio [2]	20	20	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	53
Fiscus	20	21	Brit.	Eagle Oil Co.	Tampico, Mex.	Fremantle, Aus'ia	([18])	7,475
Orduna	19	21	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile	General	1,694
Narenta	20	21	Brit.	Royal Mail Lines	Rotterdam, Neth.	Portland, Oreg.	General	1,813
Eleonora Maersk [2]	20	21	Dan.	A. P. Moller	Hamburg, Ger.	S. Francisco, Cal.	Ballast	.....
Istmo	19	21	Pan.	Elliot Ship. & Land Co.	Pto. Colombia	B'ventura, Col.	General	230
Marna	21	21	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,340
Golden Mountain	21	21	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	7,302
Cacique	20	21	Amer.	Grace Line	New York, N. Y.	Callao, Peru	Ballast	.....
West Cactus	20	21	Amer.	McCormick S. S. Co.	Rosario, Arg.	Seattle, Wash.	General	5,950
Saarland [2]	20	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile	General	5,529
Fernmoor [2]	21	22	Brit.	Moor Line, Ltd.	Immingham, Eng.	Wellington, N.Z.	([19])	8,478
Aase Maersk [1] [2]	21	22	Dan.	P. Peracca	Rotterdam, Neth.	LaLibertad, Ecua.	Ballast	.....
Chastine Maersk [2]	20	22	Dan.	Isbrandtsen Moller.	Baltimore, Md.	Shanghai, China	General	7,143
Amagisan Maru [2]	22	22	Jap.	Mitsui Bussan Kaisha	Boston, Mass.	Yokohama, Japan	([20])	7,859
Penrith Castle [2]	21	22	Brit.	Barber Line	New York, N. Y.	Moji, Japan	General	6,217
Mathew Luckenbach.	21	23	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,615
Almirante [3]	22	23	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	7
Marore	20	22	Amer.	Ore S. S. Corp.	Norfolk, Va.	Cruz Gr'de, Chile	Ballast	.....
City of Winchester	22	22	Brit.	Ellerman & Bucknall.	New York, N. Y.	Adelaide, Aust'lia	General	4,794
Falsterbo [2]	22	22	Swed.	Anglo-Can. S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Nuevo Panama [2]	21	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	369
Arlington Court	22	23	Brit.	J. J. Moore & Co.	Mobile, Ala	Victoria, B. C.	Ballast	.....
M-211 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Shark [7]	15	23	Amer.	U. S. Navy	N. London, Conn.	San Diego, Calif.	Ballast	.....
S-44 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Parthenia	23	23	Brit.	Donaldson Line	Glasgow, Scot.	N. Westm'er, B.C.	General	1,050
S-42 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-43 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Cerigo	13	23	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	567
Salvador	17	23	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	718
Volunteer	23	23	Amer.	Lykes Bros.-Ripley.	Galveston, Tex.	Manila, P. I.	General	8,830
Igotz Mendi	23	23	Span.	Cia. Nav. Sota & Aznar	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Troja	23	23	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	843
Skrim	23	23	Nor.	Rederi A/S Skrim	Charleston, S. C.	Pto. Arm'les, R.P.	Rails, ties	2,400
Athelviking [1] [2]	23	23	Brit.	United Molasses Co.	Grangem'th, Eng.	Los Angeles, Cal.	Ballast	.....
F. J. Luckenbach.	23	24	Amer.	Luckenbach Line	New York, N. Y.	Tacoma, Wash.	General	4,000

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [7] Submarine. [13] Crane. [14] Dredge. [15] Gasoline, lubricating oil. [16] Cement, cattle. [17] Pipe, lumber, etc. [18] Asphalt, pitch. [19] Basic slag, phosphate. [20] Lubricating oil, nitrate, copper, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Hagan [1]	23	24	Amer.	Penn. Shipping Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	.....
Motor Sailer	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pereira	23	24	Pan.	Grace Line	Cristobal, C. Z.	Puntarenas, C. R.	Ballast	.....
Jacob Christensen	24	24	Nor.	Chile Nit. Sales Corp.	Baltimore, Md.	Tocopilla, Chile	Ballast	.....
President de Vogue. [1] [2]	24	24	Nor.	Comp.des Prod.Chemiques et Raffineries.	Pt. de Bouc, Fr.	Talara, Peru	Ballast	.....
Dusseldorf [2]	24	25	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,518
Baru [2]	23	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	77
Dora [5]	24	25	Amer.	U. S. Tankship Corp.	Philadelphia, Pa.	Honolulu, T. H.	Ballast	.....
Ryoyo Maru [2]	24	25	Jap.	Mitsui Bussan Kaisha	Philadelphia, Pa.	Moji, Japan	([14])	7,725
Sambu [2]	23	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	24	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Steelore	24	25	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Frederika Lensen.	24	25	Brit.	Chile Nit. Sales Corp.	Pensacola, Fla.	Tocopilla, Chile	Ballast	.....
Rhea [1] [2]	25	25	Fr.	Comp.Auxilliers, Nav.	Aruba, N. W. I.	Talara, Peru	Ballast	.....
Ridley [2]	24	25	Brit.	N. Z. Shipping Co.	Antwerp, Belgium	N. Plym'th, N. Z.	Basic slag	8,660
Opawa [2]	25	26	Brit.	N. Z. Shipping Co.	London, England	Nelson, N. Z.	General	5,858
Bennekom	25	25	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,298
Viking [6]	25	...	Amer.	George F. Baker	Miami, Fla.	Balboa, C. Z.	Ballast	.....
Nourmahal [6]	25	...	Amer.	Vincent Astor	Miami, Fla.	Balboa, C. Z.	Ballast	.....
Montreal Maru	26	26	Jap.	Kawasaki K. Kaisha	New Orleans, La.	Yokohama, Japan	Cotton, gen.	7,494
Trois Ilets	25	26	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	12
Ovington Court	26	26	Brit.	Canadian Transp. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
King Edgar [2]	26	26	Brit.	Dodd, Thomson & Co.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Constance Chandler.	26	26	Amer.	Matson Nav. Co.	New York, N. Y.	Hawaiian Islands	General	5,263
Sea Nymph [6]	24	4	Amer.	G. P. Seeley, Jr.	Miami, Fla.	Callao, Peru	Ballast	.....
Gryfevale	26	26	Brit.	Chile Nit. Sales Corp.	Charleston, S. C.	Antof'gasta, Chile	Ballast	.....
Santa Inez [2]	26	27	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	Gen., mach.	2,097
Yuri Maru	26	27	Jap.	Kokusai Kisen Kaisha	Philadelphia, Pa.	Yokohama, Japan	Scrap steel	9,153
Nanking [2]	26	27	Swed.	Swedish E. Asiatic Co.	Charleston, S. C.	Yokohama, Japan	Scrap iron	8,871
Frank [3]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pike [7]	19	27	Amer.	U. S. Navy	Newport, R. I.	San Diego, Calif.	Ballast	.....
Ino [2]	26	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	45
Loreto [2]	25	27	Brit.	Pacific Steam Nav.Co.	London, England	Corral, Chile	General	5,312
Pacific [2]	26	28	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	4,107
Port Caroline	26	27	Brit.	Mont.-Aust.-N.Z.Line	Halifax, N. S.	Adelaide, Aust'lia	General	5,852
Chr. Knudsen [2]	27	27	Nor.	Canadian Transp. Co	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	.....
Losmar	27	27	Amer.	Calmar Line	New York, N. Y.	Seattle, Wash.	Gen., steel	6,565
Dorothy Luckenbach.	27	28	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,549
Athene [6]	27	1	Amer.	Tay Garnett	Miami, Fla.	Los Angeles, Cal.	Ballast	.....
Chilean Reefer [2]	27	28	Dan.	J. Lauritzen	Haifa, Palestine	Vancouver, B. C.	Ballast	.....
Columbian	27	28	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Seattle, Wash.	General	2,736
Uyo Maru [2]	27	28	Jap.	Mitsui Line	Baltimore, Md.	Osaka, Japan	([15])	8,155
President Harrison.	28	28	Amer.	Dollar Line	Boston, Mass.	Singapore, St. Set.	General	5,153
Susan V. Luckenbach.	27	28	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	5,897
San Mateo	27	28	Fr.	French Line	Havre, France	Vancouver, B. C.	General	5,607
Greylock	27	28	Amer.	Chile Nit. Sales Corp.	Wilmington, N.C.	Chile	Ballast	.....
Nevadan	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	5,472
Arizonan	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,042
Andrea F. Luckenbach.	28	1	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	General	12,644
Wichita [2]	28	28	Amer.	Amer.-Pioneer Line	New York, N. Y.	Adelaide, Aust'lia	General	3,331
Istmo	26	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	150
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Sambu [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	27	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	60
Virginia	1	1	Amer.	Panama Pacific Line	New York, N. Y.	S. Francisco, Cal.	([16])	3,593
Samnanger	1	1	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Iquique, Chile	Ballast	.....
Chimu [2]	28	1	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,381
Vermar	1	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,172
Ville de Verdun	1	2	Fr.	Messageries Marit'es	Marseilles, Fr.	Noumea, N.Caled	General	1,420
San Marcos	1	2	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	4,692
Manizales	21	2	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	524
Curaca	28	2	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	([17])	3,580
Jonna	1	2	Dan.	J. Lauritzen	Hamburg, Ger.	Valparaiso, Chile.	Ballast	.....
Luna [2]	1	1	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Breckenridge [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Leda [1] [2]	1	2	Pan.	Standard Ship. Co.	La Guaira, Venez.	Tocopilla, Chile	Fuel oil	12,854
J-47 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
City of Lyons	2	3	Brit.	Ellerman & Bucknall	Savannah, Ga.	Shanghai, China	General	8,677
Chilore	28	3	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Point Lobos	2	3	Amer.	Swayne & Hoyt	Tampa, Fla.	Seattle, Wash.	General	6,385

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [13] For bananas and return to Cristobal. [14] Iron, rubber, oil. [15] Lubricating oil, pig iron, rubber, etc. [16] Paper, automobiles, general. [17] Sugar, automobiles, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
City of Elwood [2]	2	3	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	7,433
Mijdrecht [1] [2]	2	3	Neth.	Anglo-Saxon Pet. Co.	Plymouth, Eng.	Los Angeles, Cal.	Ballast	.....
Golden Kauri	2	3	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	Steel rails	6,762
El Mirlo [1] [2]	2	3	Brit.	C. T. Bowring & Co.	Donges, France	Lobitos, Peru	Ballast	.....
Pacific Exporter [2]	2	3	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,485
El Aleto [1] [2]	2	...	Brit.	C. T. Bowring & Co.	Aruba, N. W. I.	Balboa, C. Z.	Fuel oil	10,541
Baru [2]	2	3	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	111
Torvanger	3	3	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile	Ballast	.....
Feodosia	3	3	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,551
Drechtdijk [2]	3	4	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	3,962
Rio Pirris [5]	2	4	C. R.	Co. Bananera de C. R.	Bocas, R. P.	Puntarenas, C. R.	General	2
Meton [1]	3	4	Amer.	Shell Eastern Pet. Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	.....
Sambu [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lancaster	4	4	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Everett, Wash.	General	6,700
President Taft	4	5	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	Iron, oil, etc.	4,289
Nyhaug	4	4	Nor.	Chile Nit. Sales Corp.	New Orleans, La.	Iquique, Chile	Ballast	.....
Santa Clara	3	4	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,228
Missourian [2]	4	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	6,001
Evanger	4	4	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	General	6,004
Absaroka	4	4	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	6,364
Ohioan	4	4	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Seattle, Wash.	General	5,564
Pereira	2	5	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	685
Mauna Kea	4	5	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	General	7,154
Winona	4	5	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Tacoma, Wash.	General	5,956
Liberty Glo	4	5	Amer.	Chile Nit. Sales Corp.	Wilmington, N. C.	Tocopilla, Chile	Ballast	.....
L-53 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	([13])	.....
Nankai Maru [2]	5	5	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	General	7,009
Caledonia [1] [2]	5	5	Nor.	Shell Oil Co	Falmouth, Eng.	S. Francisco, Cal.	Ballast	.....
Hoyeisan Maru	5	5	Jap.	Mitsui Bussan Kaisha	Mobile, Ala.	Japan	Pig iron	4,000
Eli [2]	4	5	Nor.	Angl-Can. S. S. Co.	Leith, England	Los Angeles, Cal.	Ballast	.....
Kansan	5	5	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal.	General	3,702
Cydonia	5	6	Brit.	Chile Nit. Sales Corp.	Jacksonville, Fla.	Chile	Ballast	.....
Trois Ilets	5	6	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	177
Estirand	5	6	Eston.	Chile Nit. Sales Corp.	Sete, France	Chile	Ballast	.....
Enoch [3]	5	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
William Luckenbach.	5	6	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,680
Alabaman	6	6	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	5,934
King William [2]	6	6	Brit.	J. J. Moore	Houston, Tex.	Brit. Columbia	Ballast	.....
Jefferson Myers	6	6	Amer.	States S. S. Co	Charleston, S. C.	Seattle, Wash.	Steel, gen.	7,555
Santa Elena	6	7	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	Gen., coffee	3,120
Frank [3]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Forbes Hauptman	7	7	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	6,956
Virgilio [2]	6	7	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile	General	462
Badjestan	7	7	Brit.	Anglo-Can. S. S. Co.	New York, N. Y.	Will'shead, B. C.	Ballast	.....
Clio [2]	6	7	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Euca.	General	166
Point Gorda	7	7	Amer.	Swayne & Hoyt	Mobile, Ala.	Portland, Oreg.	General	4,523
Dakotan	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,241
Acajutla	3	7	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	906
Wind Rush	7	7	Amer.	Shepard S. S. Co	Boston, Mass.	Tacoma, Wash.	General	5,430
Rhakotis [2]	6	8	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	5,885
Maunawili	7	8	Amer.	Isthmian S. S. Lines	New York, N. Y.	Los Angeles, Cal.	Gen., steel	8,594
American Oriole	7	8	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	5,653
Maine	8	8	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Honolulu, T. H.	General	5,853
Cali	6	8	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Euca.	General	724
Mataroa	8	9	Brit.	Shaw, Savill & Albion.	London, England	Auckland, N. Z.	General	8,856
Selvistan	8	8	Brit.	Chile Nit. Sales Corp.	New York, N. Y.	Ant'fagasta, Chile	Ballast	.....
Happy Days [6]	7	11	Amer.	Ira C. Copley	Palm Beach, Fla.	San Diego, Calif.	Ballast	.....
North Haven	8	8	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	General	5,942
San Vincente	8	8	Amer.	Quaker Line	Philadelphia, Pa.	Seattle, Wash.	General	4,853
Canadian Cruiser	8	9	Brit.	Mont.-Aust.-N.Z. Line	Halifax, N. S.	Adelaide, Aust'lia	General	4,077
Oakmar	8	9	Amer.	Calmar S. S. Corp.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,702
Australind [2]	8	9	Brit.	Mont.-Aust.-N.Z. Line	Halifax, N. S.	Auckland, N. Z.	General	2,918
Gypsum Queen	8	9	Brit.	Chile Nit. Sales Corp.	Mobile, Ala.	Iquique, Chile	Ballast	.....
Kiyosumi Maru [2]	8	9	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Osaka, Japan	Gen., cotton	5,551
Point Bonita	8	9	Amer.	Swayne & Hoyt	Mobile, Ala.	Portland, Oreg.	General	4,116
Nordpol [2]	9	9	Dan.	West Indian Trad. Co.	Jacksonville, Fla.	Yawata, Japan	Scrap iron	7,630
California Express. [2]	9	9	Nor.	Fruit Express Line	Glasgow, Scot.	Seattle, Wash.	Ballast	.....
Nordhavet [2]	9	9	Dan.	Isbrandtsen Moller Co.	Philadelphia, Pa.	Manila, P. I.	General	6,500
Scottish Strath [1]	9	10	Brit.	Standard Oil Co	Aruba, N. W. I.	San Antonio, Chile	Fuel oil	10,197
Nuevo Panama [2]	8	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	315
Barneveld	9	10	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,584
Spind	8	9	Nor.	Jac. Salvesen	Cienfuegos, Cuba	Guaymas, Mexico	Ballast	.....
Corrientes	9	10	Brit.	Donaldson Line	Glasgow, Scot.	N. Westm'er, B.C.	General	893
Amerika [2]	9	10	Dan.	East Asiatic Co	Hamburg, Ger.	Portland, Oreg.	General	592
El Ciervo [1]	9	10	Brit.	Lobitos Oilfields, Ltd.	Donges, France	Lobitos, Peru	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] Towing barge No. 44. [14] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Trafalgar	9	10	Brit...	Anglo-Can. S. S. Co..	Birkenhead, Eng.	Will'shead, B. C.	Ballast	.....
Florench Luckenbach.	9	10	Amer..	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	6,842
Panaman	9	10	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,040
Taylor [9]	10	...	Amer..	U. S. Navy	Norfolk, Va.	Balboa, C. Z.	Ballast	.....
Chincha	9	...	Amer..	Grace Line	Philadelphia, Pa.	Talcahuano, Chile	([14])	2,414
Fernbrook [2]	10	10	Nor...	Fern Line	New Orleans, La.	Yokohama, Japan	General	7,585
Michalakis	10	10	Greek.	Chile Nit. Sales Corp.	Pensacola, Fla.	Chile	Ballast	.....
Baru [2]	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	52
Rhesus	10	11	Brit...	Booth-Amer. S. S. Co.	Boston, Mass.	Hongkong, China	General	5,188
Enoch [3]	10	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	.....
Lt. Col. H. C. Schumm. [4]	5	...	Amer..	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
J-47 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Breckenridge [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Noshiro Maru [2]	11	11	Jap...	Nippon Yusen Kaisha	Keelung, Japan	Baltimore, Md.	General	6,270
Nollington Court.	11	11	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,500
Cali	9	14	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	610
El Oso	11	12	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru.	Ellesm're Pt., Eng	Crude oil	9,980
Madrono [1]	11	12	Nor...	Standard Oil of N. J..	Talara, Peru	Aruba, N. W. I.	Crude oil	8,319
Wright [13]	12	23	Amer..	U. S. Navy	San Diego, Calif..	St. Thomas, V. I.	.....	.....
Ino [2]	12	13	Neth...	Royal Neth. S. S. Co.	Guayaquil, Euca.	Cristobal, C. Z.	General	396
Itauri	12	13	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	8,354
Frida	11	12	Dan...	F. Lauritzen	SanAntonio, Chile	New York, N. Y.	General	2,400
Chateau Thierry [8]	11	13	Amer..	U. S. Army	Honolulu, T. H.	New York, N. Y.	General	277
Gen. W. M. Graham. [11]	12	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Balch No. 363 [9]	5	13	Amer..	U. S. Navy	Guayaquil, Euca.	Guantanamo Bay	.....	.....
Cerigo	13	23	Ger...	Hamburg-Amer. Line.	Guayaquil, Euca.	Cristobal, C. Z.	General	765
Torvanger	13	13	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrates	10,535
Almirante [2]	13	13	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([16])	8
Ancylus [1] [2]	14	14	Brit...	Shell Oil Co	S. Francisco, Cal.	Curacao, N. W. I.	Crude oil	11,714
Nuevo Panama [2]	14	15	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	General	207
Merope [1]	14	14	Fr....	Les Consommatesurs de Petrole.	La Libertad, Ecu.	Donges, France.	Crude oil	9.974
Colleen [5]	14	...	Amer..	Henry Grieser	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Roper [9]	12	16	Amer..	U. S. Navy	San Diego, Calif..	Norfolk, Va.	.....	.....
Decatur [9]	12	16	Amer..	U. S. Navy	San Diego, Calif..	Norfolk, Va.	.....	.....
Kongo Maru [2]	14	15	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	8,431
Trojan Star	15	15	Brit...	Blue Star Line	Wellington, N. Z.	London, England	Frozen, gen..	5,879
Virginia	15	15	Amer..	Panama-Pacific Line.	Los Angeles, Cal.	New York, N. Y.	General	187
Stensby [2]	15	15	Dan...	Anglo-Can. S. S. Co.	N.Westm'er, B.C.	Garston, Eng.	Lum., doors.	6,040
L-55 [5]	15	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Lt. Col. H. C. Schumm. [4]	15	..	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Caroline Maersk [1]	[2]15	16	Dan...	A. P. Moller	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	12,614
H.M.C.S. Skeena [9]	11	18	Brit...	Canadian Govt	Acapulco, Mex.	Kingston, Jam.	.....	.....
Neches [1]	15	17	Amer..	U. S. Navy	San Diego, Calif..	Coco Solo, C. Z.	Gasoline	525
Delftdijk [2]	16	17	Neth...	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	Cem., wheat.	10,313
Leticia [2]	16	17	Pan...	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Skipsea [2]	16	16	Brit...	East Asiatic Co.	Dairen, China	Cobh, I. F. S. [17]	Soy beans	8,700
Liberty Glo.	16	16	Amer..	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nitrates	7,455
Aldington Court [2]	16	16	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,650
Salvador	16	23	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	1,005
Frank [2]	16	17	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Real [2]	16	17	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Tuira [2]	16	17	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Sambu [2]	16	17	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Sona [2]	16	17	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Tatsuno Maru	16	17	Jap...	Nippon Yusen Kaisha.	Iloilo, P. I.	New Orleans, La.	General	8,530
Ripley [2]	16	17	Brit...	Anglo-Can. S. S. Co.	Alberni, B. C.	Liverpool, Eng.	Grain, lum.	8,410
Segundo [2]	17	17	Nor...	Continental Grain Co.	Manila, P. I.	New Orleans, La.	Sugar	7,402
Sonnavind [2]	17	17	Nor...	Kawasaki K. Kaisha.	Shanghai, China	Houston, Tex.	([18])	5,361
Santa Clara	17	17	Amer..	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,724
Washington Express. [2]	17	17	Nor...	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scot.	Fresh fruit	1,950
Santa Elena	17	18	Amer..	Grace Line	Los Angeles, Cal.	New York, N. Y.	General	371
Gypsum Queen	18	19	Brit...	Anglo-Chile Nitrates.	Tocopilla, Chile.	Gulfport, Miss.	Nitrates	6,400
Riche [2] [5]	18	24	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Hokuroku Maru [2]	18	19	Jap...	Osaka Shosen Kaisha.	Shanghai, China.	Baltimore, Md.	General	6,754
Europa [2]	19	19	Dan...	East Asiatic Co.	Vancouver, B. C.	Hull, England	([19])	9,563
H. M. S. Dundee [12]	19	24	Brit...	British Government.	Pto. Culebra, C.R.	Pto. Limon, C. R.	.....	1,230

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [9] Destroyer. [11] Mine planter. [12] Cruiser. [13] Aircraft carrier. [14] General, asphalt, steel, lumber, tin, etc. [15] For bananas and return to Cristobal. [16] Bananas, lumber. [17] For orders. [18] Peanut oil, general. [19] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Trois Ilets	19	20	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax.	337
Baarn	19	19	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	8,378
Oregonian	19	20	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,382
Clio [2]	19	20	Neth.	Royal Neth. S. S. Co.	Guayaquil, Euca.	Cristobal, C. Z.	General	275
Juanita [2]	18	20	Venez.	Shell Oil Co.	Balboa, C. Z.	Curacao, N. W. I.	Ballast	.....
Haugarland	19	20	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Lumber, corn	9,700
Heron [2]	19	20	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	7,055
Gausdal [2]	19	20	Nor.	Mitsubishi Shoji K.	Tsingtao, China	New York, N. Y.	General	7,567
Almirante [2]	20	22	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([14])	5
Manizales	20	...	Ger.	North German Lloyd.	Manta, Colombia	Cristobal, C. Z.	Coffee, gen.	736
Attika	20	21	Ger.	North German Lloyd.	Champ'ico, Guat.	Hamburg, Ger.	Coffee, gen.	2,570
Cadaceus [2] [5]	20	..	Amer.	Dr. W. S. George	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
President Herrenschmidt. [1] [2]	20	21	Nor.	Pechelbronn, Strasbourg.	Talara, Peru	Antwerp, Belgium	Crude oil	13,158
H. M. Storey [2]	21	21	Amer.	Standard Oil of Calif.	Los Angeles, Cal.	New York, N. Y.	Furnace oil	14,000
Victoria City	21	21	Brit.	L. Dreyfus & Co	Dairen, China	United Kingdom.	Soy beans	8,200
Vancouver	21	22	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	9,045
Nako Maru [2]	21	21	Jap.	Nippon Yusen Kaisha.	Hongkong, China	Baltimore, Md.	General	7,256
Nuevo Panama [2]	21	22	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	222
Fulda [2]	21	22	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	8,659
Bordeaux Maru	21	21	Jap.	Kawasaki K. Kaisha	Shanghai, China	Baltimore, Md.	General	4,636
Steel Engineer	21	21	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	General	7,804
Starcross	21	21	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Garston, England	Wheat, lum.	8,550
Indianan	21	21	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md.	General	6,814
Liberator	21	22	Amer.	Lykes Bros.-Ripley	Kobe, Japan	N. Atlantic ports.	General	9,611
Tekoa	21	22	Brit.	N. Z. Shipping Co.	Dunedin, N. Z.	Glasgow, Scot.	Frozen, gen.	6,886
Balboa [2]	21	22	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	8,285
Bolton Castle	21	22	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nitrates	8,409
Peterston	22	22	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	S'hampton Eng.	Lum., wheat.	6,920
Birmingham City.	22	22	Amer.	Isthmian S. S. Lines	Kahului, T. H.	Baltimore, Md.	([16])	7,034
Cumbal [2]	22	22	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,921
August	22	22	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [15]	Nit. of soda	8,465
Balaklava [2] [2]	22	23	Swed.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Kerosene	10,600
Pereira	23	24	Pan.	Grace Line	S. J. del Sur, Nic.	Cristobal, C. Z.	([17])	1,009
Atlanticos	22	23	Greek.	Canadian Transp. Co.	Victoria, B. C.	Grangem'th, Scot.	Lumber	7,008
Taihei Maru [2]	23	23	Jap.	Deido Ka'n, Kab'iki K.	Iloilo, P. I.	New York, N. Y.	Silk, gen.	8,429
Baru [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	101
Marpessa	23	23	Greek.	Canadian Transp. Co.	Pt. Alberni, B. C.	Garston, England	Lumber, gen.	7,646
Angol	23	23	Chile.	Chile-N. Amer. Line.	Talcahuano, Chile	New York, N. Y.	General	6,146
Inapaquina [2]	23	24	Pan.	Elliot Ship. & Land Co.	Real, R. P.	Cristobal, C. Z.	Bananas	70
Gregalia	23	24	Brit.	Donaldson Bros	Vancouver, B. C.	Glasgow, Scot.	General	7,259
Winslow [2] [5]	23	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sambu [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	18
Frank [2]	23	26	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Laila	23	24	Dan.	West Coast Line	Talcahuano, Chile	New York, N. Y.	Gen, nitrates	2,531
Schwaben	24	24	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	10,321
California	24	24	Amer.	Panama Pacific Line	Los Angeles, Cal.	New York, N. Y.	General	4,315
President Lincoln.	24	24	Amer.	Dollar Line	Manila, P. I.	Boston, Mass.	General	5,660
Santa Rita [2]	24	24	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,620
Canadian Reefer [2]	24	24	Dan.	North German Lloyd.	Seattle, Wash.	Hamburg, Ger.	Fresh apples.	1,388
Brazilian Reefer [2]	24	24	Dan.	J. Lauritzen	Portland, Oreg.	Haifa, Palestine.	Fruit	1,595
West Notus	24	24	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,783
Endicott	24	25	Amer.	Amer.-Gulf Orient Line	Manila, P. I.	New Orleans, La.	Sugar, gen.	8,302
Montgomery City	24	25	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	([18])	8,179
Talamanca [2]	24	24	Pan.	United Fruit Co.	Puntarenas, C. R.	Cristobal, C. Z.	Tow. barge	.....
No. 31052 [13]	24	24	Pan.	United Fruit Co	Puntarenas, C. R.	Cristobal, C. Z.	Ballast	.....
Beldagny	24	25	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nit. of soda	6,475
Elna	24	25	Eston.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [15]	Nit. of soda	4,700
Trois Ilets	24	26	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	247
Kastor	24	25	Greek.	Seaboard Shipping Co.	Vancouver, B. C.	S'hampton, Eng.	Wheat, lum.	8,975
San Anselmo	24	25	Amer.	States S. S. Co	Portland, Oreg.	Philadelphia, Pa.	Gen., lumber	8,961
Pacific Pioneer [2]	25	25	Brit.	Furness, Withy & Co.	Vancouver, B. C.	United Kingdom.	General	8,386
Orazio [2]	25	26	Ital.	Italian Line	Valpraiso, Chile.	Genoa, Italy	General	3,331
Oregon Express [2]	25	26	Nor.	Fruit Express Line	Portland, Oreg.	Le Havre, France	Fresh fruit	1,750
Uranienborg	25	26	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va	Nitrates	5,915
Sildra [1] [2]	26	26	Nor.	Standard Oil of N. J.	Talara, Peru	S'hampton, Eng.	Crude oil	10,593
Taranger [2]	26	26	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	6,828
Port Bowen	26	26	Brit.	Port Line, London	Melbourne, Aust.	London, England	Frozen, gen.	7,325
San Ubaldo [1]	26	26	Brit.	Eagle Oil & Ship. Co.	Valparaiso, Chile.	Pto. Mexico, Mex	Ballast	.....
Ino [2]	26	27	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	551
Istmo	26	28	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	639
Canadian Conqueror.	26	27	Brit.	Manz Line	Adelaide, Aust'lia	Halifax, N. S.	General	3,306
Rigmor [1] [2]	26	26	Nor.	Anglo-Saxon Oil Co.	S. Francisco, Cal.	Lands End [15]	Gasoline	9,176
Almirante [2]	26	26	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	8
Riche [5]	26	5	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
S-44 [7]	27	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Susan A. Moran	26	27	Amer.	Moran Tow. & Tr. Co.	Tumaco, Col.	New Orleans, La.	Ballast	.....

[1] Tanker. [2] Motor ship. [5] Launch. [13] Barge. [14] Lumber, plaintains. [15] For orders. [16] Pineapples, canec. [17] Coffee, logs, hides. [18] Sugar, pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Osnabruck [2]	27	28	Ger...	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger...	General....	6,048
Tai Yin [2]	26	27	Nor...	Barber Line	Davao, P. I.	New York, N. Y.	General....	6,687
Fernhill [2]	27	27	Nor...	Fern Line	Iloilo, P. I.	New Orleans, La.	Sugar	7,300
Temple Bar	27	28	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [13]	Nit. of soda..	7,791
Samuel Bakke [2]	27	28	Nor...	Knutsen Line	Victoria, B. C.	Belfast, Ireland..	General....	7,347
West Nilus	26	28	Amer..	McCormick S. S. Co..	Pt. Gamble, Wash	BuenosAires, Arg.	Lumber, gen.	7,410
Retriever No. 2 [5]	27	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tuira [2]	27	28	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	.....	56
Sambu [2]	27	28	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	.....	20
Tainui	27	28	Brit...	Shaw, Savill & Albion	Auckland, N. Z..	London, England	Frozen, gen.	4,680
Brimanger [2]	28	28	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen..	6,405
Iowan	28	28	Amer..	Amer.-Hawaiian Line.	Portland, Oreg..	Boston, Mass.	General....	7,045
Pan Norway [1] [2]	1	1	Nor...	Standard Oil of N. J..	Los Angeles, Cal.	Aruba, N. W. I..	Kerosene...	14,577
Katrina Luckenbach.	1	1	Amer..	Luckenbach Line	S. Francisco, Cal.	New Orleans, La.	Sugar, gen..	8,928
Jobshaven	1	1	Neth..	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Saltpeter	5,764
Tudor Star	28	1	Brit...	Blue Star Line	N. West'er, B. C.	Tyne, England..	Frozen, gen..	5,556
Point Brava	1	1	Amer..	Swayne & Hoyt	Portland, Oreg..	Corpus Ch'ti, Tex	General....	6,691
Santa Rosa	1	2	Amer..	Panama Mail S. S. Co.	S. Francisco, Cal.	New York, N. Y.	General....	4,419
Pennsylvanian	1	2	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash..	Boston, Mass.	Lumber, gen.	7,942
Chemnitz	2	3	Ger...	North German Lloyd.	Sydney, Australia	Antwerp, Belgium	General....	6,603
Frank [2]	2	6	Pan...	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Baru [2]	2	3	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	151
Toulouse [2]	2	2	Nor...	Roosevelt S. S. Co.	Sydney, Australia	Antwerp, Belgium	General....	7,800
Bethore	2	2	Amer..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md..	Iron ore	21,200
Pacific Ranger [2]	2	2	Brit...	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scot.	General....	8,692
Pereira	2	4	Pan...	Grace Line	Puntarenas, C.R.	Cristobal, C. Z.	Coffee, honey	785
Glenardle	2	2	Brit...	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egy't	Nitrates	6,780
Sambu [2]	2	3	Pan...	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	32
Acajutla	2	7	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen..	1,119
Chipana	2	4	Amer..	Grace Line	Guayaquil, Ecua.	New York, N. Y.	General....	3,800
Lochmonar [2]	2	4	Brit...	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth.	General....	9,403
Southern Sun [1] [2]	2	3	Amer..	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa	Gasoline	13,460
Belfast Maru	3	3	Jap...	Kawasaki S. S. Co.	Shanghai, China.	New York, N. Y.	General....	5,460
Santa Barbara [2]	3	4	Amer..	Grace Line	Talcahuano, Chile	New York, N. Y.	General....	5,366
J. L. Luckenbach	3	3	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	9,767
Durazzo	3	...	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General....	1,087
K. I. Luckenbach	3	4	Amer..	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General....	7,946
Norfolk	3	4	Brit...	Fed. Steam Nav. Co..	Lyttleton, N. Z..	London, England	Frozen, gen.	7,814
Minerva [2]	3	4	Nor...	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga	Nit. of soda	9,380
Cabimas [1]	1-3	3-5	Col...	Colombian Govt	Balboa, C. Z.	Cartagena, Col...	Ballast	.....
Trois Ilets	4	5	Fr...	French Line	B'ventura, Col..	Cristobal, C. Z.	Coffee	306
President de Vogue. [1] [2]	4	4	Nor...	Sig. Bergesen D. Y. Co.	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,707
Mauna Loa	4	5	Amer..	Matson Nav. Co	Honolulu, T. H..	Baltimore, Md..	Pines, gen..	7,030
Lochkatrine [2]	4	5	Brit...	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Frozen, gen..	8,513
Rhea [1] [2]	5	5	Fr...	Petrofina Oil Co.	Talara, Peru	Dunkerque, Fr..	Crude oil	11,186
Iolanda [6]	4	5	Amer..	Mrs. Moses Taylor	Kahului, T. H..	S'hampton, Eng..	Ballast	.....
American Eagle	4	5	Amer..	Amer.-Foreign S. S. Co	Olympia, Wash..	Pt. Newark, N. J.	Lumber	6,400
Helen Whittier	4	5	Amer..	Matson Nav. Co	Kahului, T. H..	Houston, Tex.	Sugar, gen..	7,400
S-42 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-45 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Lebore	5	5	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md..	Iron ore	21,300
Fella [2]	2	9	Ital...	Nav. Libera-Triestina	Vancouver, B. C.	Trieste, Italy	General....	4,360
Mallard	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Benjamin Franklin	[2] 5	6	Nor...	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	([14])	7,975
Clio [2]	5	7	Neth..	Royal Neth. S. S. Co..	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen..	469
Lt. Col. H. C. Schumm. [4]	5	10	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Winslow [5]	5	7	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge..	.....
President Pierce..	5	6	Amer..	Dollar Line	Manila, P. I.	Boston, Mass.	General....	5,016
Cornwall	5	6	Brit...	Fed. Steam Nav. Co..	Opua, N. Z.	Glasgow, Scot.	Frozen, gen.	7,665
Villanger [2]	5	6	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General....	7,233
Alaskan	5	6	Amer..	Amer.-Hawaiian Line.	Portland, Oreg..	Boston, Mass.	Lumber, gen.	8,579
Istmo	5	7	Pan...	Elliot Ship. & Land Co.	B'ventura, Col..	Cristobal, C. Z.	Coffee	611
S-43 [7]	6	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	5	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Arica	6	7	Fr...	French Line	Valparaiso, Chile.	Le Havre, France	General....	8,514
Cali	6	8	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen..	899
Lewis Luckenbach	6	7	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General....	12,600
Nordnes [2]	6	7	Nor...	Canadian-Gulf Line..	Powell Riv., B. C.	Houston, Tex.	([15])	6,747
Gypsum Prince	6	7	Brit...	Concorcio Agric. Expl.	Iquique, Chile	Jacksonville, Fla.	Bird guano..	5,500
Yahiko Maru [2]	6	7	Jap...	Mitsui & Co.	Iloilo, P. I.	Baltimore, Md..	Gen., sugar..	6,360
Floridian	6	7	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	New York, N. Y.	General....	9,177
Nina Borthen [2]	6	7	Nor...	Nikon Shokuryo, K. K.	Seishin, Korea	Amsterdam, Neth	Sardine oil	8,130
F. H. Hillman [1]	6	7	Amer..	Shell Oil Co.	Los Angeles, Cal.	New York, N. Y.	Stove oil	13,660
Svealand [2]	6	7	Swed..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md..	Iron ore	21,800

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [13] For orders. [14] Wheat, fruit, general. [15] Newsprint, shingles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sidney M. Hauptman.	7	7	Amer..	McCormick S. S. Co..	Los Angeles, Cal.	Baltimore, Md...	Lumber, gen.	8,009
San Francisco....	7	8	Fr....	French Line.....	Vancouver, B. C.	Le Havre, France	General.....	6,896
Hanley.....	7	7	Amer..	Weyerhaeuser S. S. Co.	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	10,522
Anglo Canadian [2].	7	7	Brit...	Anglo-Can. Ship. Co..	Vancouver, B C	London, England	Wheat, lum.	9,000
Reina del Pacifico [2]	6	8	Brit...	Pacific Steam Nav.Co.	Valparaiso, Chile.	Liverpool, Eng...	General.....	6,043
Portmar.....	7	7	Amer..	Calmar S. S. Corp....	Portland, Oreg...	Baltimore, Md...	Lumber.....	7,500
Gothic Star.....	7	7	Brit...	Blue Star Line.....	N.West'mer,B.C.	Tyne, England...	Frozen, gen..	4,975
Silverbelle [2].....	7	8	Brit...	S. & J. Thompson....	S. Francisco, Cal.	Calcutta, India..	General.....	7,549
Tornus [1] [2].....	7	8	Brit...	Anglo-Saxon Pet. Co..	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline....	11,437
Lincoln Ellsworth [1] [2]	7	9	Nor...	Union Oil Co. of Calif.	Los Angeles, Cal.	Cristobal, C. Z...	Diesel oil....	8,146
Orville Harden [1] [2]	7	9	Pan...	W. Tankschiff Rhed'i.	Talara, Peru.....	S'hampton, Eng..	Crude oil...	16,659
Calmar.....	8	8	Amer..	Calmar S. S. Corp....	Portland, Oreg...	Philadelphia, Pa.	Copper, lum.	6,878
Cacique.....	8	8	Amer..	Grace Line.....	Pisco, Peru.....	New York, N. Y.	General.....	2,404
David Dawson...	8	8	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [14].....	Nitrates....	7,725
Golden Horn.....	8	8	Amer..	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md...	Lumber.....	7,575
Charles R. McCormick.	8	8	Amer..	McCormick S. S. Co..	Seattle, Wash....	Philadelphia, Pa.	Gen., lumber	8,690
Nuevo Panama [2]..	7	9	Pan...	Elliot Ship. & Land Co.	Pto. Arm'les, R.P.	Cristobal, C. Z...	Ballast.....	.....
Luna [2].....	7	8	Pan...	A. Tagaropulos.....	Darien, R. P.....	Colon, R. P.....	([15])	8
Athelmonarch [1] [2].	8	9	Brit...	United Molasses Co..	Hilo, T. H.....	England.....	Molasses....	13,397
Eastern Glade....	8	9	Amer..	Bulk Carriers Corp...	Los Angeles, Cal.	Galveston, Tex..	Wheat.....	7,607
Nanman Maru...	9	9	Jap...	Kawasaki K. Kaisha..	Shanghai, China	Philadelphia, Pa.	General.....	5,616
Strinda [1] [2].....	9	9	Nor...	J. Ludwig Mowinckels	El Segundo, Cal..	Lands End [14]....	Gasoline....	14,910
Ingerseks.....	9	9	Nor...	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Charleston, S. C..	Nit. of soda..	7,840
Pennsylvania....	8	9	Amer..	Panama Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General.....	9,121
Mayan.....	9	...	Amer..	Grace Line.....	Pto. Angel, Mex..	Cristobal, C. Z...	Coffee, gen..	1,887
Carabobo [1] [3].....	8	11	Colom.	Colombian Govt.....	B'ventura, Col...	Cartagena, Col...	.....	.....
Leticia [2].....	9	...	Pan...	A. Tagaropulos.....	Darien, R. P.....	Cristobal, C. Z...	Bananas....	53
Harry Luckenbach	9	9	Amer..	Luckenbach Line....	Seattle, Wash....	Boston, Mass....	Lumber, gen.	8,700
Baru [2].....	9	10	Pan...	Elliot Ship. & Land Co.	Darien, R. P.....	Cristobal, C. Z...	Bananas....	99
Santa Maria [2]....	9	9	Amer..	Grace Line.....	Talcahuano, Chile	New York, N. Y.	General.....	5,131
Helmspey.....	9	9	Brit...	Canadian Trans. Co..	Pt. Alberni, B. C.	Leith, Scotland..	Wheat, lum.	7,631
Stirlingville [2].....	9	9	Nor...	Chile Nit. Sales Corp	Tocopilla, Chile..	Mobile, Ala.....	Nit. of soda..	9,065
Dorothy Cahill...	9	9	Amer..	Arrow Line.....	So. Bend, Wash..	Baltimore, Md...	Lumber.....	6,517
Lillian Luckenbach.	9	10	Amer..	Luckenbach Line....	Seattle, Wash....	Boston, Mass....	Gen., lumber	9,129
West Camargo...	9	10	Amer..	McCormick S. S. Co..	Seattle, Wash....	New York, N. Y.	Lum., poultr.	6,978
Altobizkar Mendi.	9	10	Span..	Canadian Transp. Co.	Vancouver, B. C.	Hull, England...	Grain, lum..	7,984
Kirishima Maru [2].	9	10	Jap....	Kokusai Kisen Kaisha	Manila, P. I.....	New York, N. Y.	General.....	8,551
Trontolite [1] [2]....	9	10	Brit...	Imperial Oil Co., Ltd.	Talara, Peru.....	Halifax, N. S....	Gasoline....	7,500
Amerikaland [2]....	9	10	Swed..	Ore S. S. Corp.....	Cruz Gr'de, Chile	New York, N. Y.	Iron ore....	21,700
Asbjorn [2].....	10	10	Dan...	Anglo-Can. S. S. Co...	Vancouver, B. C.	Newcastle, Eng..	Wheat, gen..	7,400
Rasma.....	10	10	Latvia.	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [14].....	Nit. of soda..	4,950
Henry D. Whiton.	10	10	Amer..	A. C. Dutton Lum. Co.	Everett, Wash...	Providence, R. I.	Lumber.....	5,414
Erviken.....	10	11	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Pensacola, Fla...	Nitrates....	10,470
Colleen [2].....	10	...	Amer..	D. C. Beatly.....	Balboa, C. Z.....	Cristobal, C. Z...	Ballast.....	.....

[1] Tanker. [2] Motor ship. [13] Gunboat. [14] For orders. [15] Lumber, plantain.

Comparison of Traffic at the Suez and Panama Canals for the First Seven Months of the Fiscal Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the first seven months of the fiscal years 1936 and 1937:

Month	Suez Canal: Number of transits 1936	Suez Canal: Number of transits 1937	Suez Canal: Percent Increase	Suez Canal: Percent Decrease	Panama Canal: Number of transits 1936	Panama Canal: Number of transits 1937	Panama Canal: Percent Increase	Panama Canal: Percent Decrease
July.....	487	466	.....	4.3	377	456	21.0	.....
August.....	503	471	.....	6.4	395	473	19.7	.....
September.....	531	479	.....	9.6	391	466	19.2	.....
October.....	604	490	.....	18.6	441	482	9.3	.....
November.....	548	511	.....	6.8	418	368	.....	11.9
December.....	493	508	3.0	.....	459	341	.....	25.7
January.....	533	575	7.9	.....	472	377	.....	20.1
Total.....	3,699	3,500	.....	5.4	2,953	2,963	0.3	.....

THE PANAMA CANAL RECORD

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Traffic Through the Panama Canal in March 1937

The total vessels of all kinds transiting the Panama Canal during the month of March 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	March 1935	March 1936	March 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	455	526	274	262	536
Local commercial vessels [1]	60	55	44	36	80
Noncommercial vessels:					
United States Government	34	40	26	31	57
State of California	.....	1	.....	.....	.....
Colombian Government	.....	.....	.....	1	1
For repairs	2	.....	.....	1	1
Total	551	622	344	331	675

[1] Vessels under 300 tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended March 31, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
April	432	482	2,258,926	2,483,561	2,079,028	2,430,134	$1,890,572.41	$2,079,730.70
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	1,996,156.81	2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
Total	5,192	5,349	27,347,132	29,178,831	25,648,118	27,143,642	22,930,099.00	22,822,260.01

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for March 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 120	677,320	637,480	Netherland	21	81,320	75,229
Chilean	2	8,126	7,875	Norwegian	70	352,041	405,877
Danish	19	85,498	77,063	Panamanian	13	44,033	72,895
Estonian	2	7,260	6,540	Spanish	4	16,773	23,125
French	11	60,896	62,066	Swedish	8	37,989	64,306
German	31	116,206	125,051	United States	198	1,082,944	1,255,216
Greek	6	22,422	18,991	Yugo Slav	1	3,939	.....
Italian	3	21,396	7,312				
Japanese	26	149,518	182,442	Total	536	2,770,451	3,016,418
Latvian	1	2,770	4,950				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[4] Includes 1 naval vessel of 5,170 tons displacement.

Traffic by Trade Routes, March 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	73	423,358	383,054	70	389,400	540,635
East coast United States and:						
Canada	6	27,249	845	2	9,218	13,247
Central America	1	1,849	.....	.....	.....	.....
South America	36	147,854	24,995	35	152,047	330,635
Hawaiian Islands	3	15,565	15,846	4	20,312	30,075
Australasia	7	44,963	39,135	.....	.....	.....
Philippine Islands	12	72,053	83,267	17	99,237	129,265
Far East	32	167,815	242,465	6	34,095	37,630
Canadian intercoastal	1	4,377	2,500	.....	.....	.....
East coast Canada and:						
South America	.....	.....	.....	4	22,484	42,864
Australasia	2	10,673	6,995	2	9,922	7,682
Far East	1	6,588	7,223	.....	.....	.....
South American intercoastal	3	11,497	22,116	.....	.....	.....
East coast South America and:						
United States	.....	.....	.....	1	5,038	7,722
Canada	1	4,128	6,004	.....	.....	.....
Far East	1	7,606	4,343	.....	.....	.....
Cristobal and:						
United States	.....	.....	.....	1	3,627	8,146
Central America	5	4,461	4,152	6	5,170	6,614
South America	9	5,633	3,302	11	7,039	6,824
West Indies and:						
United States	2	12,189	.....	7	45,743	88,454
Central America	1	1,601	.....	.....	.....	.....
South America	1	5,076	10,197	.....	.....	.....
Balboa	2	9,188	18,725	.....	.....	.....
Far East	1	2,774	5,071	.....	.....	.....
Europe and:						
United States	10	55,801	5,724	8	44,590	72,774
Canada	26	148,241	64,724	32	178,776	232,311
Central America	3	7,393	8,011	2	5,363	6,035
South America	23	127,030	37,926	29	159,219	252,463
Hawaiian Islands	.....	.....	.....	2	18,345	13,397
Australasia	7	63,801	35,589	15	116,057	103,032
Far East	1	5,698	8,166	2	9,139	16,544
Africa and west coast Canada	1	2,881	.....	.....	.....	.....
Egypt and west coast South America	.....	.....	.....	1	3,770	6,780
Around the world	2	19,474	7,962	2	13,043	14,952
Vessels not engaged in commerce	[5] 1	466	.....	[6] 3	1,535	.....
Total	274	1,417,282	1,048,337	262	1,353,169	1,968,081

[5] Yacht. [6] Includes 1 naval vessel and 2 yachts.

Origin and Destination of Cargo by Major Areas, March 1937

The following table summarizes the origin of cargo passing through the Canal in March 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Austral-asia	
North America:						
United States	387,352	23,666	328,549	22,708	33,327	795,602
Other North America	1,062	25,156	8,244	19,240	13,251	66,953
Europe	55,006	21,059	8,166	31,430	34,693	150,354
Miscellaneous	8,657	1,685	2,871	21,767	448	35,428
Total	452,077	71,566	347,830	95,145	81,719	1,048,337

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	530,746	112,538	180,587	9,819	833,690
Canada	15,755	3,465	116,658	571	136,449
Other North America	31,451	7,901	21,887	.....	61,239
South America	335,610	46,203	250,960	6,793	639,566
Australasia	14,952	2,210	93,552	.....	110,714
Asia	168,185	1,694	16,544	.....	186,423
Total	1,096,699	174,011	680,188	17,183	1,968,081

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either in March 1937 or in March 1936, are listed below:

Commodity	March		Commodity	March	
	1936	1937		1936	1937
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Ammonium compounds	34,142	6,737	Borax	7,098	15,836
Asphalt and tar	11,116	9,084	Canned goods, various	97,661	168,654
Automobiles and parts	34,076	31,536	Coffee	16,952	23,761
Canned goods, various	10,456	19,773	Cold storage (food products) [8]	57,599	46,448
Cement	10,660	16,477	Copra	10,503	14,714
Chemicals [7]	7,981	13,809	Cotton, raw	9,796	11,626
Cotton, raw	19,609	25,438	Flour	32,563	33,564
Iron and steel	151,163	250,260	Fruit, dried	23,410	37,190
Machinery	11,139	16,784	Fruit, fresh [9]	26,463	21,826
Manufactured goods [7]	4,395	13,186	Lumber	264,566	285,155
Metals, various	24,089	46,234	Metals, various	55,717	70,602
Nitrates	19,547	15,640	Molasses and syrups	18,140	15,498
Oils, mineral	95,187	83,164	Nitrates	147,624	227,258
Paper	34,495	27,626	Oats	10,264	4,089
Phosphates	23,526	19,116	Oils, mineral	257,988	337,043
Railroad material	12,220	9,490	Oils, vegetable	20,358	25,205
Scrap metal	24,049	156,568	Ores	130,411	171,033
Sugar	17,918	2,524	Paper	13,116	16,214
Sulphur	29,227	26,874	Rubber	7,492	10,386
Textiles	11,282	9,141	Skins and hides	8,191	10,016
Tinplate	27,237	30,396	Soy beans	32,873	8,414
Wood pulp	5,627	11,404	Sugar	133,138	109,187
Pacific to Atlantic			Wheat	233,554	84,647
Barley	14,469	18,760	Wool pulp	11,512	13,068
Beans, edible, dry	16,039	19,291	Wool	34,500	31,613

[7] Except as otherwise classified. [8] Except fresh fruit. [9] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of March 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	83	15
Agricultural implements	2,149	301	5,173	320
Alfalfa meal	.....	291	.....	291
Ammonium compounds	824	.....	6,737	100

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Animal foods [10]	30	118	30	230
Apparel, wearing (hats, shoes, clothing, etc.)	117		117	36
Asbestos	839		2,365	11
Asphalt and tar	628	156	9,084	1,013
Automobiles (and autotrucks)	3,114	80	20,310	92
Automobile parts and accessories	1,792	83	11,226	96
Bamboo and products		16		357
Bags and bagging, textile	402		941	
Bananas				1,834
Barks, miscellaneous			406	547
Barley	70	152	70	18,760
Beans, edible, dry	321	10,043	358	19,291
Beer	1,056		1,081	
Beverages, nonalcoholic	107		107	
Blood and tankage				31
Bones and bonemeal		23	924	140
Books and printed matter	95		194	
Borax	150	750	152	15,836
Bran and pollards				2,273
Bricks and tile	150		1,058	
Camphor, crude				205
Canned and preserved goods:				
Fish	1,689	26,641	2,294	38,762
Fruit	4,392	49,532	4,418	92,097
Meat	495	400	867	654
Milk	411	167	931	484
Soup	2,260	377	2,339	378
Vegetables	4,090	15,140	4,256	16,999
Miscellaneous and unclassified	3,477	16,215	4,668	19,280
Carbon black	35		1,536	
Celite		47		106
Cement	481		16,477	18
Chalk			772	
Charcoal			254	
Chemicals [10]	5,991	4,187	13,809	4,842
Clay, china and fire	446	125	1,460	180
Clay, filtering	1,012		1,012	
Coal	4,629		5,121	
Cocoa and cacao beans	1,043		1,818	1,117
Coconuts and products [10]		655	112	1,150
Coffee	325	750	4,053	23,761
Coke			4,220	15
Cold storage and refrigerated products:				
Dairy products	50	42	498	17,805
Eggs		680		699
Fish		100	91	1,572
Lard	1,347		1,550	408
Meats	485	344	666	24,692
Poultry		933	4	971
Vegetables	4	6	12	81
Other and unclassified	12	100	71	220
Confectionery	701		760	
Copra		66		12,519
Copra meal and cake				2,195
Corn		23		23
Cotton, raw	37	70	25,438	11,626
Creosote			19	
Drugs and medicines	1,131	16	1,285	237
Dyes	57		59	
Earthenware	13		192	
Eggs, dried				134
Electrical apparatus and appliances	1,253		1,795	27
Explosives	28		722	
Extract, quebracho			882	
Fertilizers [10]	1,260	39	4,453	377
Fish, salted or dry-cured	5		50	10
Fish meal			133	1,481
Floor coverings	1,725	1,051	1,878	2,060
Flour	293	29,235	961	33,564
Fruit, dried	53	17,726	506	37,190
Fruit, fresh [10]	33	4,051	355	21,826
Furniture and household goods	721	58	1,388	76
General	27,239	8,360	60,833	22,219
Glass and glassware	3,284	573	8,182	1,538
Glue	30	117	41	132
Groceries	673		855	496
Guano				5,500
Gums		88		421
Grains, unclassified		27	13	27
Hair, all kinds		94	3	139

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Hay	.....	27	.....	62
Hemp, unmanufactured	.....	104	103	2,350
Honey	.....	144	35	393
Hops	.....	.....	.....	316
Horns and hoofs	.....	.....	.....	50
Infusorial earth	.....	17	.....	402
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	181,959	1,101	250,260	1,238
Ivory nuts	351	150	740	2,997
Jute, unmanufactured	95	254	265	254
Lard substitute	1,220	.....	1,220	.....
Lime	31	.....	31	.....
Liquors	4,781	500	6,773	505
Lumber (including manufactured mill products)	4,758	195,285	6,532	285,155
Machinery	6,311	2,287	16,784	2,557
Malt	.....	.....	1,546	.....
Manufactured goods [10]	5,449	287	13,186	3,103
Marble and granite	41	.....	430	.....
Matches	499	45	569	45
Metals:				
Antimony	.....	103	.....	411
Copper	730	12,215	6,235	44,491
Gold and silver	.....	.....	6	47
Iron	4,552	200	34,740	200
Lead	71	738	2,125	18,738
Tin	377	36	648	1,531
Zinc	54	.....	1,206	4,068
Other and unclassified	224	314	1,274	1,116
Milk, powdered	.....	350	52	1,046
Molasses and syrups	659	.....	872	15,498
Nitrates	7,665	.....	15,640	227,258
Nuts, edible (including meats)	.....	106	654	992
Oats	83	1,074	108	4,089
Oils, mineral:				
Crude	454	403	524	126,965
Gas and fuel	165	10,285	50,636	60,206
Gasoline, benzine, and naphtha	63	23,494	1,084	100,373
Kerosene	.....	8,185	174	47,850
Lubricating and greases	10,704	619	30,347	1,649
Other and unclassified	.....	.....	399	.....
Oils, vegetable:				
Coconut	.....	10	61	11,885
Cottonseed	.....	11	1,086	1,023
Linseed	194	.....	339	.....
Olive	.....	11	229	11
Peanut	.....	.....	.....	2,190
Rapeseed	.....	.....	.....	20
Wood	2	.....	16	5,329
Other and unclassified	292	46	1,248	4,747
Oil, fish	564	2,360	779	11,228
Oil, whale	.....	.....	.....	7,479
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	68	52	4,238	1,298
Oilseed cake and meal	.....	.....	.....	9,361
Ores:				
Antimony	.....	.....	.....	716
Chrome	237	.....	237	.....
Copper	.....	100	.....	1,768
Gold and silver	.....	.....	.....	1,325
Iron	18	.....	18	150,516
Lead	.....	115	.....	5,355
Magnesite	.....	284	.....	434
Manganese	29	.....	1,063	83
Tin	.....	60	.....	3,683
Zinc	127	.....	727	5,939
Other and unclassified	112	.....	1,236	1,214
Paints and varnishes	2,772	306	4,254	720
Paper and paper products [10]	9,913	7,541	27,626	16,214
Peanuts	1,751	.....	1,751	.....
Peas, dry	.....	.....	.....	258
Peatmoss	.....	.....	142	.....
Phosphates	1,716	.....	19,116	30
Plaster	.....	.....	20	.....
Porcelainware	987	269	1,454	3,833
Potash	.....	1,274	2,522	1,274
Pyrethrum flowers	.....	.....	.....	471
Rags and waste	135	136	546	2,033
Railroad material	60	.....	9,490	.....
Rice	1,264	.....	2,171	3,883
Rope and twine	343	25	1,110	99
Rosin	2,555	.....	4,230	.....

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber:				
Manufactured	1,313	568	1,736	971
Raw	864	.....	921	9,223
Scrap	14	.....	51	192
Salt	539	411	3,137	413
Sand	.....	.....	4,707	11
Scrap metal	754	633	156,568	926
Seeds (except oilseeds)	.....	407	447	977
Sewer pipe (concrete and terra cotta)	19	.....	19	.....
Shells, oyster	1,599	2	1,974	53
Silk, raw	.....	500	5	2,567
Skins and hides	1	3,002	408	10,016
Slag	.....	.....	3,578	.....
Slate	1,668	.....	1,668	.....
Soaps and products	1,127	124	1,671	440
Soda and sodium compounds:				
Soda ash	2,976	.....	3,377	1,150
Soda, caustic	495	.....	1,411	30
Miscellaneous and unclassified	64	.....	453	98
Soy beans	379	.....	379	8,414
Sugar	78	4,979	2,524	109,187
Sulphur	17,719	.....	26,874	852
Talc	.....	266	12	338
Tallow	.....	1,109	.....	3,500
Tea	61	132	337	867
Textiles [11]	5,407	417	9,141	7,984
Tinplate	12,835	19	30,396	19
Tobacco and manufactures	603	70	4,321	410
Toilet preparations	113	.....	122	.....
Turpentine	241	.....	530	.....
Vegetables, dry [10]	5	.....	93	4,076
Wallboard	238	.....	924	802
Wax, paraffin	100	12	1,897	54
Wheat	.....	40,945	18	84,647
Wines	300	2,003	1,021	3,223
Wood pulp	247	11,615	11,404	13,068
Wool	104	2,561	778	31,613
Total, March 1937	387,352	530,746	1,048,337	1,968,081
Total, March 1936	265,211	439,240	813,099	1,821,051
Total, March 1935	236,445	485,530	668,333	1,542,101

[10] Except as otherwise classified. [11] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of March 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	43,192	.....	4	22,369	41,964
East coast United States and Philippine Islands	.....	.....	.....	1	3,826	[12] 6,719
Cristobal and United States	.....	.....	.....	1	3,627	8,146
East coast Canada and South America	.....	.....	.....	3	16,238	31,234
South American intercoastal	2	10,484	21,547	.....	.....	.....
West Indies and:						
United States	2	12,189	.....	7	45,743	88,454
South America	1	5,076	10,197	.....	.....	.....
Balboa	2	9,188	18,725	.....	.....	.....
Europe and:						
United States	5	32,169	.....	4	26,457	51,327
South America	6	36,223	.....	10	60,473	[13] 121,307
Hawaiian Islands	.....	.....	.....	1	6,564	[14] 13,397
Far East	.....	.....	.....	1	4,331	[15] 8,130
Total	25	148,521	50,469	32	189,628	370,678

[12] Coconut oil. [13] Includes 7,479 tons whale oil. [14] Molasses. [15] Sardine oil.

Comparison of Canal Traffic in March 1937, with March Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of March			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915 [16]	136	476	607	1915	[17] 100	361	466
1916 [18]	.....	.....	.....	1916	60	199	258
1917	139	458	571	1917	145	483	588
1918	171	583	661	1918	165	547	627
1919	151	478	505	1919	162	510	576
1920	226	819	894	1920	199	712	781
1921	251	1,113	1,084	1921	232	950	966
1922	231	975	960	1922	222	951	907
1923	403	1,988	1,941	1923	325	1,550	1,631
1924	424	2,136	2,272	1924	429	2,179	2,249
1925	393	1,964	2,104	1925	382	1,904	1,996
1926	496	2,397	2,606	1926	424	2,064	2,169
1927	490	2,413	2,533	1927	441	2,184	2,311
1928	525	2,439	2,427	1928	521	2,453	2,468
1929	526	2,566	2,742	1929	524	2,485	2,554
1930	505	2,505	2,557	1930	502	2,497	2,502
1931	427	2,210	1,914	1931	447	2,314	2,089
1932	348	1,864	1,643	1932	364	1,968	1,650
1933	369	1,987	1,737	1933	347	1,900	1,513
1934	508	2,702	2,465	1934	436	2,379	2,059
1935	455	2,398	2,210	1935	432	2,317	2,109
1936	526	2,715	2,634	1936	449	2,335	2,209
1937	536	2,770	3,016	([19])	433	2,194	2,204

[16] Canal opened August 15, 1914. [17] Average for 10½ months of fiscal year ended June 30, 1915. [18] Canal closed on account of slides. [19] Average for 9 months of fiscal year 1937.

Terminal Activities

Ships on which repairs were completed during the month of March 1937, numbered 69, including 11 which were drydocked. Fuel oil in the quantity of 392,217 barrels was delivered as bunkers to 177 commercial ships. Bunker coal amounting to 4,139 tons was delivered to 23 commercial ships. Sales of commissary supplies to ships aggregated $62,230.19.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	24,053	13,419	37,472
Local cargo shipped ..... tons	2,794	673	3,467
Cargo received for transshipment ..... tons	46,588	2,976	49,564
Cargo transshipped ..... tons	47,826	3,862	51,688
"Canal Zone for Orders" cargo:			
Number of receipts issued	9	2	11
Number of releases issued	67	11	78
Tons received	63	4	67
Tons withdrawn	53	6	59

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	626	3,934,399	2,353,602	596	3,462,142	2,076,852
Vessels entering port but not transiting Canal	69	531,778	307,642	19	66,449	36,862
Vessels transiting Canal and handling passengers and cargo at terminal ports	150	924,756	532,698	108	680,713	379,509
Ships clearing						
All vessels, including those transiting Canal	626	3,900,029	2,331,392	590	3,456,899	2,074,790
Vessels clearing port but not transiting Canal	70	522,282	299,665	22	79,803	45,633
Vessels transiting Canal and handling passengers and cargo at terminal ports	151	914,930	527,268	108	680,713	379,509

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, March 10, 1937, to midnight, April 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

San Rafael, 316, 7½
Sanyo Maru, 471, 59
Wyoming, 121, 0
Trois Ilets, 368, 48
Oropesa, 59, 457
Buenaventura, 1,980, 464
Quirigua, 172, 63
Costa Rica, 290, 21
Ino, 447, 337
Helder, 56, 330
San Pedro, 534, 281
Margaret Lykes, 690, 460
Sixaola, 314, 225
Barbara Cates, 1,151, 0
Kentucky, 143, 0
Calamares, 393, 167
Pastores, 108, 1,005
Troja, 52, 122
Cumbal, 89, 102
Cerigo, 292, 84
Rhein, 32, 28
Inn, 50, 366
Quirigua, 16, 65
Margaret Johnson, 78, 449
Naruto Maru, 307, 1
Colombie, 75, 0
Daytonian, 359, 5
Santa Paula, 530, 0
Fortuna, 0, 63
Damsterdijk, 374, 91
Cefalu, 195, 980
Oakland, 328, 276
Salvador, 849, 792
Durazzo, 0, 292
Mayan, 0, 1,021
Leticia, 0, 61
Annetta I, 33, 0
Anubis, 15, 606
Colombie, 19, 1,441
Santa Lucia, 323, 11¼
Nuevo Panama, 175, 86
Ancon, 4,617, 872
Arizona, 33, 53
Trave, 55, 307
Antofagasta, 144, 44
Santa Barbara, 410, 361¼
Jane Christenson, 920, 0
Muenchen, 601, 553
Santa Rosa, 146, 98¼
Peten, 146, 45½
San Gabriel, 305, 20
Spencer Kellogg, 7,788, 0
Tivives, 349, 282½
Trois Ilets, 258, 83
Weser, 13½, 52
Ulua, 448, 118
Colombia, 221, 888
Canada, 0, 14
Cellina, 165, 23
Clio, 334, 64
Manizales, 1,180, 339
Costa Rica, 1 case, 896
Breda, 83, 304¾
Istmo, 0, 132
Orduna, 24, 209
Caribia, 242½, 40
Elizabeth Bakke, 0, 480
Wisconsin, 80, 92
Sesostris, 6½, 571½
Chimu, 410, 61
Peten, 80, 134
San Jose, 104, 163
Port Campbell, 0, 3
Hokkai Maru, 443, 266
Bodegraven, 0, 39½
Laurits Swenson, 747, 0
Contessa, 121, 892
Elbe, 316, 446
Santa Inez, 41, 1
Karnak, 232, 246
Nuevo Panama, 216, 281
Pereira, 1,083, 777
Canadian Challenger, 0, 110
Santa Maria, 350, 118½
Hermonthis, 146, 0
Antietam, 9,890, 0
Cerigo, 42, 227
Asuka Maru, 546, 0
Veragua, 135, 6
Santa Marta, 435, 324
Ino, 572, 130
Guayaquil, 1,832, 444
Chiriqui, 0, 41
Portland, 129, 172
Tai Yang, 536, 0
Dagfred, 308, 0
Haiti, 171, 774
Tillie Lykes, 203, 145
Toloa, 504, 161
Cali, 854, 0
Simon Bolivar, 266, 4
Istmo, 429, 0
Colorado Springs, 2, 0
San Antonio, 41, 47
Axel Johnson, 262, 0
Veragua, 14, 199½
Wales Maru, 751, 0
Nagara Maru, 111, 0
Nuernberg, 57, 238
Dinteldijk, 245, 152
Flandre, 17, 773
Pasajero, 0, 19
Santa Elena, 375, 2
San Angelo, 340, 16
Caribia, 14, 758
Cefalu, 119, 618
Acajutla, 964, 580
Cacique, 0, 100
Santa Clara, 513, 180
Marna, 0, 192
Feodosia, 133, 0
Barmbek, 91, 167
Santa Lucia, 524, 260¼
Orbita, 34, 290
Historian, 251, 48
Cristobal, 3,636, 846
Sambu, 8½, 0
Eidsvold, 775, 0
Chiriqui, 298, 0
Trois Ilets, 230, 0
Valparaiso, 88, 405
Quirigua, 158, 21
Santa Paula, 233, 247
Tacoma, 49, 165
Metapan, 1,037, 346
Virginio, 74, 503
Clio, 258, 0
Buenos Aires, 0, 153
Nuevo Panama, 15, 120
Durazzo, 735, 320
Calamares, 412, 214
Pastores, 169, 1,003
John Bakke, 135, 0
Simon Bolivar, 10 pkgs., 1,673
Kwanto Maru, 448, 206
Washington, 362, 318
Quirigua, 69, 109
Alaska, 799, 7
Lochgoil, 325, 63
Alabama, 45, 462
Duesseldorf, 177, 303
Contessa, 224, 514
Santa Rita, 154, 2 pkgs.
Mayan, 1,567, 1,264
Cali, 22, 312
Komaki Maru, 217, 0
Curaca, 5, 0
Niel Maersk, 156, 0
Taketoyo Maru, 289, 0
Delftdijk, 165, 16
Rialto, 273, 1,161
Buenaventura, 1,881, 448
Santa Inez, 505, 22
Peten, 148, 67
Boskoop, 42, 201
Sixaola, 504, 217
Ino, 515, 25
Rosario, 7,910, 0
Inn, 102, 42
Colombia, 58, 728
San Anselmo, 608, 7½
Manizales, 1,144, 0
Cumbal, 125, 5

BALBOA

Chaumont, 4, 0
Santa Rita, 334, 32
President Polk, 11, 0
California, 102, 106
Chateau Thierry, 1,095, 243
Chiriqui, 339, 14
Cumbal, 0, 57
Condor, 622, 0
Santa Paula, 90, 0
Inn, 121, 25
Mayan, 0, 85
Santa Lucia, 30, 624
Salvador, 4, 0
Antares, 60, 0
Antofagasta, 0, 198
Annie Johnson, 703, 0
Trave, 1,976, 0
Santa Rosa, 3, 37
Santa Barbara, 186, 37
Spencer Kellogg, 4,775, 0
Talamanca, 392, 4
Breda, 95, 399
Chimu, 10, 0
Scalaria, 8,184, 0
Laurits Swenson, 1,054, 0
Santa Maria, 249, 44
Florida Maru, 609, 0
Tai Yang, 277, 0
Pennsylvania, 0, 99
Capac, 32, 0
Ino, 0, 92
President Pierce, 3, 0
Antigua, 295, 19
Acajutla, 4, 0
Nuernberg, 1,215, 0
Pereira, 0, 207
Hollywood, 1,121, 0
Santa Elena, 92, 55
Santa Clara, 8, 12
Ino, 87, 0
Bokuyo Maru, 578, 0
Santa Lucia, 115, 24
Santa Paula, 11, 23
Rangitiki, 16, 0
Rialto, 2,395, 80
Chiriqui, 208, 30
Acajutla, 0, 20
Akaroa, 0, 4
Boskoop, 469, 11
President Van Buren, 1, 1
Virginia, 0, 93

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,256; embarking, 2,526; at Balboa, 1,194 disembarking and 1,282 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,071, from the Pacific to the Atlantic, 6,072. Aircraft numbering 62 entered Cristobal, and 235 passengers disembarked; clearances were 62, with 271 passengers embarking; at Balboa entries of aircraft were 53, with 80 passengers; clearances, 53, with 98 passengers.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight March 10, 1937, to midnight April 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
H. M. Storey [1]	11	11	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
W. R. Keever	11	11	Amer.	Union Sulphur Co.	Galveston, Tex.	Dupont, Wash.	Sulphur	7,400
Pacific	10	11	Amer.	Argonaut Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	4,797
Noshiro Maru [2]	11	11	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	([15])	7,731
San Rafael	11	11	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	5,569
President Polk	12	12	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	3,501
Oropesa	11	12	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,449
California	12	13	Amer.	Panama Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	3,050
Wyoming	11	12	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	([16])	7,799
Paul Luckenbach	11	12	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,702
Cumberland	12	12	Brit.	FederalSteamNav.Co.	Swansea, England	Auckland, N. Z.	General	12,237
Mercury Sun [1] [2]	12	12	Amer.	Sun Oil Co.	Chester, Pa.	El Segundo, Calif.	Ballast	.....
Trois Ilets	11	12	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	48
Frida	10	12	Dan.	West Coast Line	Jacksonville, Fla.	Talcahuano, Chile	General	1,480
Santa Rita [2]	12	13	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,868
Chateau Thierry [8]	12	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	489
Everleigh	12	13	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Galeb	12	13	Y-Slav	Anglo-Can. S. S. Co.	New Orleans, La.	Williamsh'd, B.C.	Ballast	.....
Trondanger [2]	13	13	Nor.	General S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	2,062
City of Brisbane	12	14	Brit.	Ellerman & Bucknall.	New York, N. Y.	Sydney, Aust'lia	General	3,706
Carolinian	13	13	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Tacoma, Wash.	General	5,747
Ino [2]	12	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	316
Pan Aruba [1] [2]	13	13	Nor.	Huasteca Pet. Co.	London, England	Talara, Peru	Ballast	.....
Kentucky	13	13	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	5,357
Pennsylvania	13	13	Amer.	Weyerhaeuser S. S. Co.	Carteret, N. J.	Portland, Oreg.	General	2,749
Betty L. [13]	13	14	Brit.	S. Shores Packers, Ltd.	Halifax, N. S.	Vancouver, B. C.	Ballast	.....
Seisho Maru	13	13	Jap.	Kawasaki S. S. Co.	Galveston, Tex.	Osaka, Japan	Iron, cotton	7,076
Filleigh	13	14	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Luna [2]	13	13	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Scottsburg	14	14	Amer.	Lykes Bros.-Ripley	Galveston, Tex.	Cebu, P. I.	General	9,500
Georgian	14	14	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal.	General	4,100
Utsire	14	14	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Iquique, Chile	Ballast	.....
Cumbal [2]	14	15	Amer.	Grace Line	New York, N. Y.	Pisco, Peru	General	1,739
Norfolk Maru	14	14	Jap.	Kawasaki K. Kaisha	Houston, Tex.	Moji, Japan	([17])	7,501
Barbara Cates	13	17	Amer.	Sudden & Christensen	Baltimore, Md.	Tacoma, Wash.	General	7,009
Oregon	14	15	Amer.	Bulk Carriers Corp.	Hopewell, Va.	Tacoma, Wash.	Nitrates	7,665
Shonie [5]	...	...	Amer.	Lt. J. G. Bain	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Rugeley	14	15	Brit.	Anglo-Can. S. S. Co.	Cardiff-England	Brit. Columbia	Ballast	.....
Rhein	14	15	Ger.	Hamburg-Amer. Line.	Galveston, Tex.	Osaka, Japan	([18])	8,065
Vinland [2]	15	15	Nor.	Scand.-S. Pacific Line.	Baltimore, Md.	Valparaiso, Chile.	Ballast	.....
Maria Dolores [6]	15	17	Amer.	Leroy Edwards	Miami, Fla.	Los Angeles, Cal.	Ballast	.....
Inn	14	16	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,696
Durazzo	4	15	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	376
Elin K. [2]	15	16	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile.	Ballast	.....
Wright [14]	13	18	Amer.	U. S. Navy	Amelia, Virgin Is.	San Diego, Calif.	Ballast	.....
Fortuna [3]	15	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	60
Steel Voyager	15	16	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Shanghai, China	Steel prod.	8,478
Ruahine	16	16	Brit.	N. Z. Shipping Co.	London, England	Bluff, N. Z.	General	1,420
Fernmoor [2]	16	16	Nor.	Fern Line	Texas City, Tex.	Osaka, Japan	Lead, cotton	7,066
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-44 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-42 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-43 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Taybank [2]	16	16	Brit.	Andrew Weir & Co.	Baltimore, Md.	Tsingtao, China	General	5,125
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Mayan	9	17	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,025
Athelknight [2]	16	17	Brit.	United Molasses Co.	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	.....
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Breckenridge [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Californian [2]	16	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,100
Baru [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
American Reefer [2]	17	17	Dan.	J. Lauritzen	Algiers, Africa	Vancouver, B. C.	Ballast	.....
Middlesex	17	18	Brit.	FederalSteamNav.Co.	Liverpool, Eng.	Fremantle, Au'lia	General	5,228
Damsterdijk [2]	16	18	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	6,091
Kongo Maru [2]	17	18	Jap.	Kokusai K. Kaisha	New York, N. Y.	Kobe, Japan	([19])	7,223
Pacific Grove [2]	17	18	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	965
Rio de Janeiro Maru [2]	17	18	Jap.	Osaka Shosen Kaisha	Montevideo, Uru.	Kobe, Japan	Wool, gen.	4,343
Leticia [3]	9	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	75
Enoch [3]	17	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [20]	.....	.....
Frank [3]	17	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [3]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Cape York [2]	18	18	Brit.	Anglo-Can. S. S. Co.	London, England	Vancouver, B. C.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [10] Mine sweeper. [13] Motor boat. [14] Aircraft tender. [15] Asbestos, steel bar, tinplate. [16] Steel, coke, sand, etc. [17] Cotton, scrap iron. [18] Cotton, oil, general. [19] Scrap iron, general. [20] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Anubis [2]	17	18	Ger...	Hamburg-Amer. Line.	Galveston, Tex..	Kobe, Japan....	([14])	7,619
Lindenbank	17	18	Brit...	Bank Line	New Orleans, La.	Brisbane, Aus'lia.	General	8,561
Nyhorn [2]	18	18	Nor...	Knutsen Line	Cardiff, England.	Vancouver, B. C.	Ballast	
Arizona	18	18	Fr....	French Line	Havre, France...	Valparaiso, Chile.	General	1,412
Pennington Court	18	18	Brit...	Haldin & Philipps	Halifax, N. S...	Vancouver, B. C.	General	2,500
Annie Johnson [2]	18	19	Swed..	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,477
Nuevo Panama [2]	17	18	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	225
Rangitane [2]	18	19	Brit...	N. Z. Shipping Co..	London, England	Wellington, N. Z.	General	3,425
Trave [2]	18	20	Ger...	North German Lloyd.	Hamburg, Ger...	Corral, Chile....	General	4,667
Clarissa Radcliffe.	18	19	Brit...	Mitsubishi S. Kaisha.	Pt. Everg'es, Fla.	Kobe, Japan....	Scrap iron	8,158
Walter A. Luckenbach.	18	19	Amer..	Luckenbach Line	Boston, Mass....	Seattle, Wash...	General	4,652
Touraine [2]	18	19	Nor...	Barber Line	Norfolk, Va.....	Yokohama, Japan	Scrap iron	8,433
Tai Ping [2]	19	19	Nor...	Barber-Wilhelmsen	Charleston, S. C.	Moji, Japan	Scrap steel	8,307
Hokuroku Maru [2]	19	19	Jap...	Osaka Shosen Kaisha.	Boston, Mass....	Kobe, Japan	([13])	7,677
Babbitt [9]	19	...	Amer..	U. S. Navy	High seas	Balboa, C. Z...	Ballast	
Point Arena	19	19	Amer..	Swayne & Hoyt	Lake Charles, La.	Los Angeles, Cal.	General	4,222
Yearby	19	19	Brit...	Sir R. Ropner & Co..	New York, N. Y.	Vancouver, B. C.	Ballast	
Santa Rosa	19	20	Amer..	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Gen., coffee	3,198
Uranienborg	19	19	Dan...	Chile Nit. Sales Corp.	Norfolk, Va.....	Tocopilla, Chile..	Ballast	
Santa Barbara [2]	18	20	Amer..	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,798
Jane Christenson.	18	19	Amer..	Arrow Line	Baltimore, Md...	Seattle, Wash...	General	4,024
San Gabriel	19	20	Amer..	Quaker Line	New York, N. Y.	Seattle, Wash...	General	6,119
Flomar	19	20	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	Steel, gen	7,654
Chinese Prince [2]	19	20	Brit...	Prince Line, Ltd	Philadelphia, Pa.	Osaka, Japan...	Gen., scrap	8,086
W. M. Delphia [3]	19	20	Hond..	W. S. McNab	Roatan, Hond...	Amapala, Hond.	Ballast	
Bordeaux Maru	19	20	Jap...	Kawasaki K. Kaisha.	Tampa, Fla.....	Yokohama, Japan	Phosphates	7,479
Arinia [1] [2]	19	20	Brit...	Anglo-Saxon Pet. Co.	Stanlow, Eng....	El Segundo, Cal.	Ballast	
Stjerneborg [2]	19	20	Dan...	J. J. Moore & Co....	Manchester, Eng.	Los Angeles, Cal.	Ballast	
Spencer Kellogg [1]	19	20	Amer..	Kellogg S. S. Co....	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Everett	20	20	Amer..	McCormick S. S. Co.	Norfolk, Va.....	Seattle, Wash...	General	9,435
Southern Sun [1] [2]	20	20	Amer..	Sun Oil Co	Chester, Pa.....	Los Angeles, Cal.	Ballast	
Deroche [2]	20	21	Amer..	Union Oil Co. of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Makiki	20	21	Amer..	Matson Nav. Co....	Baltimore, Md...	Honolulu, T. H..	General	5,174
Weser [2]	20	21	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General	8,054
Hi Wini [1] [3]	...	...	Amer..	R. L. Wertz	Cristobal, C. Z..	Gatun, C. Z....	Ballast	
Hobo [1] [3]	...	...	Amer..	Robert Baley	Cristobal, C. Z..	Gatun, C. Z....	Ballast	
Cellina [2]	20	21	Italian.	Italia S. A. di Nav...	Genoa, Italy....	Vancouver, B. C.	General	2,490
Laura	21	21	Dan...	J. Lauritzen	Hamburg, Ger...	Valparaiso, Chile.	Ballast	
Peter Maersk [2]	20	21	Dan...	Maersk Line	Boston, Mass....	Cebu, P. I.....	General	7,086
Gracia	21	21	Brit...	Donaldson Brothers..	Glasgow, Scot...	Vancouver, B. C.	General	1,054
Clio [2]	20	21	Neth..	Royal Neth. S. S. Co..	Cristobal, C. Z..	Guayaquil, Ecua.	General	63
Belpareil [2]	21	21	Nor...	Kawasaki K. Kaisha.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Geddington Court	21	21	Brit...	Canadian Transp. Co.	Cardiff, England.	Brit. Columbia..	Ballast	
Hegira	21	22	Amer..	Pac. Coast Dir. Line.	Philadelphia, Pa.	Seattle, Wash...	Gen., steel	5,000
Breda	21	22	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Corral, Chile....	General	2,097
Paul Harneit [1] [2]	21	22	Ger...	Standard Oil of N. J..	Hamburg, Ger...	Los Angeles, Cal.	Ballast	
Istmo	21	21	Pan...	Elliot Ship. & Land Co.	Pto. Colombia...	B'ventura, Col...	General	400
Flowergate	21	22	Brit...	Chile. Nit. Sales Corp.	Cardiff, England.	Iquique, Chile...	Ballast	
Beloit [3]	17	22	Hond..	Wm. Eden	Pto. Castilla, Hond	Amapala, Hond..	Ballast	
Wisconsin	21	22	Fr....	French Line	Antwerp, Belgium	La Libertad, Ecua.	([16])	1,382
Edgar F. Luckenbach.	21	22	Amer..	Luckenbach Line	Houston, Tex....	Tacoma, Wash..	General	7,761
Manizales	20	22	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General	536
No. 238 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z....	Ballast	
Grover J. [1] [3]	...	...	Amer..	G. C. Gravatt	Cristobal, C. Z..	Gatun, C. Z....	Ballast	
Elisabeth Bakke [2]	21	22	Nor...	Knut Knutsen O. A. S.	Oslo, Norway...	Valparaiso, Chile.	General	2,506
Den Haag [1] [2]	22	22	Neth..	Standard Oil of N. J..	Nyborg, Denmark	Talara, Peru....	Ballast	
Hororata	22	23	Brit...	N. Z. Shipping Co...	Glasgow, Scot...	New Zealand ...	Ballast	
Point Salinas	22	22	Amer..	Swayne & Hoyt	Mobile, Ala	Seattle, Wash...	General	6,797
Lebore	22	22	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	
Antiope	22	23	Brit...	Andrew Weir & Co...	New York, N. Y.	Kobe, Japan....	Scrap iron	7,500
Olymp [2]	22	23	Pan...	Chile Nit. Sales Corp.	Baltimore, Md...	Iquique, Chile...	Ballast	
Salvador	16	23	Brit...	Pacific Steam Nav. Co	Cristobal, C. Z..	Champ'ico, Guat.	General	792
Minerva [2]	22	23	Nor...	Chile Nit. Sales Corp.	Jacksonville, Fla.	Tocopilla, Chile..	Ballast	
Luna [2]	22	24	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.....	General	3
Winslow [5]	21	...	Amer..	U. S. Army	Cristobal, C. Z..	Ped. Miguel, C.Z.	Tow. barge	
Port Campbell	22	23	Brit...	Port Line	London, England	Adelaide, Aust'lia	General	7,438
Willmoto [2]	22	23	Amer..	Amer.-Hawaiian Line.	Bridgep't, Conn.	San Diego, Calif.	General	7,530
Speybank [2]	23	23	Brit...	Asano Bussan Co....	Norfolk, Va.....	Yokohama, Japan	([17])	8,275
Wildwood	23	23	Amer..	Amer.-Foreign S. S. Co.	Freeport, Tex...	Oakland, Calif...	Sulphur	7,319
Trois Ilets	19	23	Fr....	French Line	Cristobal, C. Z..	B'ventura, Col...	General	64
Mauna Ala	23	23	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Los Angeles, Cal.	Steel	7,100
Svealand [2]	23	24	Swed..	Ore S. S. Corp	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	
Scalaria [2]	23	26	Brit...	Shell Oil Co	Curacao, N. W. I.	S. Francisco, Cal.	Fuel oil	8,184
Muncaster Castle [2]	23	24	Brit...	Barber Line	New York, N. Y.	Yawata, Japan..	([18])	6,600
Baru [2]	23	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	
Sona [2]	23	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] Sailboat. [14] Scrap rails, cotton. [15] Autos, general, scrap iron. [16] Cast iron, general, etc. [17] Scrap iron, steel. [18] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Knute Nelson [2]	23	24	Nor	Fred Olsen & Co.	Brevik, Norway	Vancouver, B. C.	General	8,048
Franz Klasen [1] [2]	24	24	Pan	W. Tankschiff Rhed'i.	Hamburg, Ger	Talara, Peru	Ballast	.....
Bonita [2]	24	24	Nor	C. H. Sorensen	Habana, Cuba	Yokohama, Japan	Scrap iron	5,071
Laurits Swenson [2]	23	25	Nor	Fred Olsen & Co.	Hull, England	Vancouver, B. C.	General	6,753
Tuscaloosa City	24	25	Amer.	Isthmian S. S. Lines	Portland, Me	Seattle, Wash.	General	8,124
Spyros	24	24	Greek	Mitsubishi Shoji K	Galveston, Tex	Kobe, Japan	Scrap iron	9,187
Nordnes [2]	24	24	Nor	Canadian-Gulf Line	Houston, Tex	Vancouver, B. C.	General	845
Nako Maru [2]	24	24	Jap	Nippon Yusen Kaisha	Boston, Mass	Kobe, Japan	General	8,276
Virginian	24	25	Amer.	Amer.-Hawaiian Line	Boston, Mass	Seattle, Wash.	General	5,571
Jedmoor [2]	24	25	Brit	Anglo-Can. S. S. Co.	Philadelphia, Pa	Will'shead, B. C.	Ballast	.....
Enoch [3]	23	..	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
Zjawa [6]	..	..	Amer.	Tucker McClure	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Anniston City	25	25	Amer.	Isthmian S. S. Lines	Mobile, Ala	Seattle, Wash.	Steel	8,047
Vancouver City [2]	25	25	Brit	Reardon-Smith Line	Phildelphia, Pa	Kobe, Japan	Pig iron	6,587
Julia Luckenbach	25	25	Amer.	Luckenbach Line	Boston, Mass	Seattle, Wash.	Steel, gen	4,222
Santa Maria [2]	25	26	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	2,840
Nuevo Panama [2]	24	25	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	250
Karnak	25	25	Ger	Hamburg-Amer. Line	Hamburg, Ger	Corral, Chile	General	5,571
Gen. Wm. M. Graham. [11]	..	..	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	..	..	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z	Tow. barge	.....
Statira [2]	25	26	Brit	Long Is. Mach. & Eq.	Newp't News, Va.	Yawata, Japan	Scrap iron	8,526
Steel Exporter	26	26	Amer.	Isthmian S. S. Lines	Baltimore, Md	S. Francisco, Cal.	Gen., steel	8,380
Pennsylvania	26	27	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,165
Antietam [1]	25	26	Amer.	Shell Oil Co	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Sonnavind [2]	26	26	Nor	Kawasaki K. Kaisha	Boston, Mass	Osaka, Japan	([14])	5,553
Comet [2]	26	26	Amer.	Socony Vac. Oil Co	Albany, N. Y	Los Angeles, Cal.	Ballast	.....
Galaxias	26	26	Greek	Chile Nit. Sales Corp.	Galveston, Tex	Iquique, Chile	Ballast	.....
Heathcot	26	26	Brit	McCaiven & Gross	Wilmington, N.C.	Moji, Japan	Scrap iron	6,600
Eleonora Maersk [2]	26	26	Dan	A. P. Moller	Curacao, N. W. I.	S. Francisco, Cal.	Ballast	.....
Dallas City [2]	26	27	Brit	Sir W. R. Smith & Son	New Orleans, La	Osaka, Japan	([15])	8,900
Winslow [5]	25	..	Amer.	U. S. Army	Cristobal, C. Z.	P. Miguel, C. Z.	Tow. barge	.....
Augusta [2]	25	27	Brit	Augusta Shipping Co	Halifax, N. S	Victoria, B. C.	Ballast	.....
Raymond [2]	25	27	Brit	Augusta Shipping Co	Halifax, N. S	Victoria, B. C.	Ballast	.....
Stirlingville [2]	26	27	Nor	Chile Nit. Sales Corp.	Gulfport, Miss	Tocopilla, Chile	Ballast	.....
Erviken	26	27	Nor	Chile Nit. Sales Corp.	Mobile, Ala	Tocopilla, Chile	Ballast	.....
Auretta	27	27	Brit	Long. Is. Mach. & Eq.	W. Palm B'ch, Fla	Yawata, Japan	([16])	8,030
Oregonian	27	27	Amer.	Amer.-Hawaiian Line	Boston, Mass	Portland, Oreg.	General	4,267
Portland [2]	26	27	Ger	Hamburg-Amer. Line	Hamburg, Ger	Portland, Oreg.	Gen., coffee	5,663
Edgehill	27	28	Amer.	Lykes-Bros.-Ripley	New Orleans, La	Cebu, P. I.	Scrap, cotton	7,833
L-53 [5]	..	..	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Fortuna [1]	27	..	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
El Oso [1] [2]	28	29	Brit	C. T. Bowring & Co	Manchester, Eng.	Cabo Bl'co, Peru	Ballast	.....
Westralia [2]	27	28	Dan	Westralian Farmers	Galveston, Tex	Newcastle, Au'lia	Sulphur	7,150
Amerikaland [2]	27	29	Swed	Ore S. S. Corp	New York, N. Y.	Cruz Gr'de, Chile	Ballast	.....
Ino [2]	26	29	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua	General	197
Aakre [2]	28	28	Nor	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	.....
President Pierce	28	29	Amer.	Dollar Line	New York, N. Y.	Round the world	General	4,561
Cerigo	25	29	Ger	Hamburg-Amer. Line	Pto. Colombia	Guayaquil, Ecua	General	569
Chiriqui [2]	26	28	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	175
Tatsuha Maru	27	29	Jap	Mitsubishi Shoji K	Tampa, Fla	Yokohama, Japan	Phos. rock	8,150
Karmoy	28	29	Nor	N. Atl. & Gulf S.S. Co.	Norfolk, Va	Guaymas, Mexico	Ballast	.....
Wellfield [1] [2]	28	29	Brit	Standard Oil of N. J.	La Guaira, Venez.	Iquique, Chile	Fuel oil	8,693
San Antonio	28	29	Fr	French Line	Havre, France	Vancouver, B. C.	([17])	6,201
Harpoon	28	29	Amer.	Shepard S. S. Co	New York, N. Y.	Seattle, Wash.	General	6,208
Steel Worker	29	29	Amer.	Isthmian S. S. Lines	Baltimore, Md	Honolulu, T. H.	General	4,819
Abodi Mendi	29	29	Span	Sota & Aznar	Cardiff, England	Vancouver, B. C.	Ballast	.....
Angol	29	29	Chile	Chile N. Amer. Line	New York, N. Y.	Valparaiso, Chile	General	3,877
Pereira	24	30	Pan	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	744
Point Caleta	29	30	Amer.	Swayne & Hoyt	New Orleans, La	Seattle, Wash.	General	6,214
Nurnberg [2]	29	30	Ger	North German Lloyd	Hamburg, Ger	Corral, Chile	General	6,076
Axel Johnson [2]	29	30	Swed	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., coffee	3,738
Col. Riche [5]	26	..	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Tilsington Court	29	30	Brit	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
City of Canberra	29	30	Brit	Amer.-Australian Line	Philadelphia, Pa	Brisbane, Aust'lia	General	3,563
Ardenvohr [2]	30	30	Brit	Australind S. S. Co	New York, N. Y.	Dunedin, N. Z.	General	3,489
Katrina Luckenbach.	30	30	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	7,916
Winkleigh	30	30	Brit	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Evi	30	30	Greek	Chile Nit. Sales Corp.	Albany, N. Y	Iquique, Chile	Ballast	.....
Doric Star	30	30	Brit	Shaw, Savill & Albion.	London, England	Wellington, N. Z.	General	8,231
Ferndale [2]	30	30	Nor	Fearnley & Eger	Baltimore, Md	Kobe, Japan	Scrap steel	7,201
Marore	30	31	Amer.	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	.....
Massmar	30	31	Amer.	Calmar Line	Baltimore, Md	Seattle, Wash.	Steel, gen	8,490
Southgate	30	31	Brit	Mitsui & Co	Baltimore, Md	Moji, Japan	Scrap iron	7,854
Caduceus [5]	..	..	Amer.	Dr. W. S. George	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [11] Mine planter. [13] For bananas and return to Cristobal. [14] Cotton, scrap rail, carbon black, etc. [15] Cotton, scrap iron, carbon black. [16] Scrap iron and cast steel. [17] General, coke, wine, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Taian Maru	30	31	Jap.	Kawasaki K. Kaisha.	Jacksonville, Fla.	Yokohama, Japan	([13])	7,368
San Angelo	30	31	Amer.	Pac.-Atlantic Corp.	New York, N. Y.	Seattle, Wash.	([14])	7,456
Grelhead	30	31	Brit.	Chile Nit. Sales Corp.	Flushing, Neth.	Antof'gasta, Chile	Ballast	.....
Vagabondia [6]	31	1	Amer.	W. L. Mellon	Miami, Fla.	Los Angeles, Cal.	Ballast	.....
Thalatta [2]	31	31	Nor.	W. Wilhelmsen Line.	Oslo, Norway	Moji, Japan	General	8,166
City of Wellington.	31	7	Brit.	Ellerman & Bucknall.	Baltimore, Md.	Shanghai, China.	General	7,378
Iowan	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	4,848
Kurdistan	31	31	Brit.	Common Brothers	Norfolk, Va.	Osaka, Japan	Scrap iron	8,371
Cacique	31	31	Amer.	Grace Line	New York, N. Y.	Callao, Peru	([15])	993
Barmbek	31	31	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,721
Leo Dawson	31	1	Brit.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	.....
Tercero [2]	31	1	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	.....
Sona [2]	30	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	30	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	30	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tongariro	31	1	Brit.	N. Z. Shipping Co.	Swansea, Eng.	Dunedin, N. Z.	General	10,109
Gausdal [2]	1	1	Nor.	Mitsubishi Trad. Co.	New York, N. Y.	Kobe, Japan	Scrap steel	7,857
President Lincoln.	1	2	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	6,235
Birmingham City.	1	1	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen	7,363
City of Dalhart [2]	1	1	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China	General	7,483
Risanger	1	1	Nor.	Chile Nit. Sales Corp	Pensacola, Fla.	Tocopilla, Chile	Ballast	.....
Orbita	31	1	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,833
King Lud [2]	1	1	Brit.	J. J. Moore & Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Santa Lucia	31	2	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,597
Goslar	1	1	Ger.	North German Lloyd.	New Orleans, La.	Adelaide, Aust'lia	Sulphur, gen.	7,935
Miralda [1] [2]	1	2	Neth.	Anglo-Saxon Pet. Co.	London, England	Los Angeles, Cal.	Ballast	.....
Tonsbergfjord [2]	1	2	Nor.	Wessel, Duval & Co.	New York, N. Y	Talcahuano, Chile	Gen., autos.	2,872
Carica Milica	1	2	J-Slav.	Chile Nit. Sales Corp.	Cardiff, England.	Antof'gasta, Chile	Ballast	.....
Silveryew [2]	1	2	Brit.	Silver Line, Ltd.	Boston, Mass.	Hongkong, China	General	6,232
Hoegh Carrier [2]	1	2	Nor.	Chile Nit. Sales Corp.	Wilmington, N.C.	Tocopilla, Chile	Ballast	.....
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Teal [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Chiriqui [2]	1	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Pacific Enterprise [2]	2	2	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,215
Steelore	2	2	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Tacoma	2	2	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	6,843
Santa Paula	2	3	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	3,141
Canadian Reefer [4]	2	3	Dan.	J. Lauritzen	Hamburg, Ger.	Valparaiso, Chile.	Ballast	.....
Gen. Wm. M. Graham. [11]	28	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Breckenridge [5]	25	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
L-23 S [5]	25	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
K. I. Luckenbach.	2	3	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,226
Montevideo Maru [3]	3	4	Jap.	Osaka Shosen Kaisha	Montevideo, Uru.	Kobe, Japan	General	4,777
Indianan	3	3	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	6,919
Bethore	3	4	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Llanashe	3	4	Brit.	Australian Disp. Line.	Cardiff, England.	Brit. Columbia	Ballast	.....
Pennsylvanian	3	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,429
Northmoor [2]	3	4	Brit.	Anglo-Can. S. S. Co.	Pensacola, Fla.	Will'msh'd, B. C.	Ballast	.....
Frank [3]	30	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P.	Ballast	.....
Kingfisher [5]	...	...	Amer.	H. P. Parker	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Col. Riche [5]	29	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Seminole [1] [2]	3	4	Brit.	Standard Oil of N. J.	Kiel, Germany	Los Angeles, Cal.	Ballast	.....
San Ambrosio [1] [2]	4	4	Brit.	Eagle Oil & Ship. Co.	Tampico, Mexico.	Antof'gasta, Chile	Gasoline	10,441
Akaroa	4	4	Brit.	Shaw, Savill & Albion.	London, England	Wellington, N. Z.	General	6,237
Beatrice L. [4]	3	6	Brit.	Empire Steved. Co.	Yarmouth, N. S.	Vancouver, B. C.	Ballast	.....
Acajutla	30	4	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	580
King City	4	5	Brit.	Mitsubishi Kaisha	Philadelphia, Pa.	Kobe, Japan	Scrap steel	8,224
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	118
West Notus	4	4	Amer.	McCormick S. S. Co.	New York, N. Y	Seattle, Wash.	Gen., steel	7,391
Durazzo	3	5	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	494
Reaper [1]	4	5	Amer.	Texas Co. of N. Y.	Port Arthur, Tex.	Los Angeles, Cal.	Lub. oils	9,289
Steel Engineer	4	5	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen	7,514
Sona [2]	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P.	Ballast	.....
Fraser H-48 [9]	5	9	Brit.	British Government	Barbados, B.W.I.	Esquimault, B. C.	Ballast	.....
Baron Jedburgh	5	5	Brit.	H. Hogarth & Sons	Boston, Mass.	Kobe, Japan	Scrap iron	7,000
Luna [2]	5	5	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
No. 211 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Magnolia	6	6	Amer.	Socony Vac. Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	.....
Gogovale	6	6	Brit.	Chile Nit. Sales Corp	Cardiff, England	Iquique, Chile	Ballast	.....
Sanyo Maru [2]	6	6	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,073
Lochgoil [2]	6	7	Brit.	N. Pac. Coast Line	London, England	Portland, Oreg.	Gen., fruit	4,497
Trojan Star	6	7	Brit.	Blue Star Line	London, England	Vancouver, B. C.	Ballast	.....
Alabama	6	7	Fr.	French Line	Le Havre, France	Talcahuano, Chile	Gen., iron	1,276
Paris City	6	7	Brit.	Mitsubishi Shoji K.	New Orleans, La.	Yawata, Japan	Scrap iron	9,100

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [9] Destroyer. [10] Mine sweeper. [13] Rails and scrap iron. [14] Steel, coal, general. [15] General, machinery, pipe, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Enoch [3]	6	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	...	...
Baru [2]	6	7	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P.	Ballast	...
Monkleigh	6	7	Brit...	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	...
S-42 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
S-45 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Tai Yin [2]	7	7	Nor...	Barber Line	New York, N. Y.	Kobe, Japan	([14])	5,837
Snestad [2]	7	7	Nor...	Fern Line	Houston, Tex.	Yawata, Japan	([15])	7,096
Point Brava	7	8	Amer..	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	7,200
Ripley [2]	7	8	Brit...	Anglo-Can. S. S. Co.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	...
Dunrobin	7	8	Brit...	Anglo-Can S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	...
Fermia [2]	7	8	Swed..	Anglo-Can. S. S. Co.	Philadelphia, Pa.	Yawata, Japan	Scrap steel	6,126
Alaskan	7	10	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	5,200
Goodyear [6]	...	...	Amer..	Goodyear T. & R. Co	Cristobal, C. Z.	Gatun, C. Z.	Ballast	...
J. L. Luckenbach	7	8	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,014
S-43 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
S-47 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Delftdijk [2]	8	8	Neth..	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	5,318
Chilore	8	8	Amer..	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	...
Barrington Court	8	9	Brit...	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	...
L-41 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
President Van Buren	9	9	Amer..	Dollar Line	New York, N. Y.	Round the world	Gen., paper	4,447
Virginia	9	10	Amer..	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	([16])	3,306
Canadian Conqueror	9	9	Brit...	Mont.-Aust.-N.Z. Line	Halifax, N. S.	Dunedin, N. Z.	General	3,356
Santa Inez [2]	9	10	Amer..	Grace Line	New York, N. Y.	Valparaiso, Chile.	Gen., steel	2,200
Boskoop	9	10	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,954
Steel Scientist	9	10	Amer..	Isthmian S. S. Lines	Baltimore, Md.	Moji, Japan	Steel	8,330
Fernhill [2]	9	10	Nor...	Maersk Line	Philadelphia, Pa.	Manila, P. I.	General	6,700
Baron Pentland	9	10	Brit...	H. Hogarth & Sons	Newp't News, Va.	Iquique, Chile	Ballast	...
Ino [2]	9	10	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua	General	23
Caroline [6]	9	...	Amer..	Joseph M. Schenck	Miami, Fla.	Los Angeles, Cal.	Ballast	...
Brilliant [1] [2]	10	10	Amer..	Socony Vac. Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	...
British Prince [2]	10	10	Brit...	Canadian Transp. Co.	Louisburg, N. S.	N. West'er, B. C.	([17])	8,753
Taihei Maru [2]	10	11	Jap...	Daido Kaiun Kaisha	New York, N. Y.	Kobe, Japan	Scrap iron	7,312
K. R. Kingsbury [1]	10	11	Amer..	Standard Oil of Calif.	New York, N. Y.	Richmond, Calif.	Lub. oil	([18])
Nanman Maru	10	11	Jap...	Yamashita K. Kaisha	New York, N. Y.	Moji, Japan	Sugar, wool	8,027

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
San Clemente	11	11	Amer..	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,416
El Mirlo [1] [2]	11	11	Brit...	C. T. Bowring & Co.	Lobitos, Peru	Donges, France	Crude oil	11,449
Sanyo Maru [2]	11	11	Jap...	Osaka Shosen Kaisha	Keelung, Japan	Baltimore, Md.	General	5,882
Arandora Star	11	11	Brit...	Blue Star Line	Honolulu, T. H.	S'ampton, Eng.	Passengers	...
Remuera	11	11	Brit...	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,042
Chattanooga City	11	11	Amer..	Isthmian S. S. Lines	Kahului, T. H.	New York, N. Y.	Sugar, gen.	7,626
Trois Ilets	11	12	Fr...	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	334
San Pedro	11	13	Fr...	French Line	S. Francisco, Cal.	Le Havre, France	General	5,167
Steel Trader	11	12	Amer..	Isthmian S. S. Lines	S. Francisco, Cal.	Avonm'th, Eng.	([19])	7,578
Point Estero	11	12	Amer..	Swayne & Hoyt	Portland, Oreg.	Galveston, Tex.	Gen., lumber	6,307
Texan	11	12	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	10,625
Winslow [5]	11	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	...
Magmeric	12	12	Amer..	Amer.-For. S. S. Corp.	Olympia, Wash.	New York, N. Y.	Lumber	6,700
Fairfax [9]	12	12	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	...	...
Ino [2]	12	13	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	405
Helder	12	13	Neth..	Royal Neth. S. S. Co.	Valparaiso, Chile.	Hamburg, Ger.	General	5,860
Risanger	12	12	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile.	Lake Charles, La.	Nitrates	8,350
San Bernardino	12	13	Amer..	States S. S. Co.	S. Francisco, Cal.	Philadelphia, Pa.	General	7,700
Sandar [1] [2]	12	13	Nor...	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gas oil	10,750
El Aleto [1] [2]	12	13	Brit...	C. T. Bowring & Co.	Cabo Bl'co, Peru	Donges, France	Crude oil	10,145
Herman F. Whiton	13	13	Amer..	Dutton Lumber Corp.	Tacoma, Wash.	Po'keepsie, N. Y.	Lumber	7,300
Pan Europe [1] [2]	12	13	Nor...	Huasteca Pet. Co.	El Segundo, Cal.	Hamburg, Ger.	Naphtha	13,801
Fordsdale	12	13	Brit...	Shaw, Savill & Albion.	Pt. Chalmers, N. Z.	London, England	Frozen, gen.	5,596
Canadian Constructor	12	13	Brit...	Mont.-Aust.-N.Z. Line	Auckland, N. Z.	Halifax, N. S.	General	4,376
Heranger [2]	13	13	Nor...	Interocean S. S. Corp	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	7,009
Dunedin [12]	10	13	Brit...	British Navy	New Zealand	Plymouth, Eng.	...	5,170
Troja	13	14	Ger...	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	2,776
Hoegh Carrier [2]	13	13	Nor...	Chile Nit. Sales Corp.	Iquique, Chile	Wilmington, N. C.	Nit. of soda	8,335
Mexican	13	13	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	12,319
Marore	14	14	Amer..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Pennmar	14	14	Amer..	Calmar Line	Portland, Oreg.	New York, N. Y	Lum., copper	6,904
Cerigo	14	15	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	265
Aritz Mendi	14	14	Span..	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	Lumber	6,891
Berganger [2]	14	14	Nor...	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen.	8,647
Tercero [2]	14	14	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile.	Charleston, S. C.	Nitrates	7,711

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [9] Destroyer. [12] Cruiser. [13] For bananas and return to Cristobal. [14] Scrap iron and general. [15] Lead, scrap iron, etc. [16] Paper, iron, general. [17] General and steel rails. [18] 75,220 barrels. [19] Canned goods, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Washingtonian	14	14	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	N. London, Conn.	General	11,894
Sessa	14	15	Den.	Wessel, Duval & Co.	Talcahuano, Chile	New York, N. Y.	General	2,638
Margaret Johnson [2]	14	15	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	([15])	5,015
Fernwood [2]	14	15	Nor.	Fern Line	Iloilo, P. I.	U.S. Atl. coast	Sugar	8,000
Naruto Maru [2]	14	15	Jap.	Nippon Yusen Kaisha.	Manila, P. I.	Baltimore, Md.	General	7,500
Chaumont [8]	11	16	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	Navy stores.	283
New York [13]	13	15	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
Wyoming [13]	13	15	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
Minnesotan	15	15	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,130
British Columbia Express. [2]	15	15	Nor.	Fruit Express Line	Seattle, Wash.	Rotterdam, Neth.	Fresh fruit	1,186
Santa Paula	15	16	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,081
Northmoor [2]	15	15	Brit.	State Mar. Corp., N.Y.	Iquique, Chile	Gulf pts., U.S.A.	Nitrates	8,100
Roda [2]	15	16	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,010
Bradfyne	15	16	Brit.	Reardon-Smith Line.	Seattle, Wash.	Cardiff, Wales	General	7,714
Taygetos	15	16	Greek.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [16]	Nitrates	7,500
Glenmoor [2]	15	16	Brit.	W. Runciman & Co.	Los Angeles, Cal.	Rotterdam, Neth.	Borate	7,516
Babbitt [9]	16	16	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Baru [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	99
Oakland [2]	16	17	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	6,828
Chateau Thierry [6]	12	17	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	355
Borgestad [2]	16	16	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Grimsby, England	Lumber, gen.	5,759
Salvador	16	22	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	849
Point Judith	16	16	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	General	5,959
Frank [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Sambu [2]	16	17	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	30
Petroleo	16	...	Amer.	John H. King	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
L. A. Christensen [2]	16	17	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	New York, N. Y.	Lumber	6,500
Eleanor Christenson.	16	17	Amer.	Arrow Line	Tacoma, Wash.	Baltimore, Md.	Lumber	7,676
Steelore	17	17	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Hawaiian	17	17	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,447
Santa Lucia	16	18	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,202
Robert Luckenbach.	17	17	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	9,564
Lake Osweya [2]	17	17	Amer.	Dutton Lumber Corp.	Portland, Oreg.	Philadelphia, Pa.	Lumber	2,346
Nuevo Panama [2]	17	18	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	204
Arola Mendi	17	17	Span.	Sota & Aznar	Vancouver, B. C.	London, England	Lum., wheat.	8,250
Selje	17	18	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	U.S. & Canada	Nitrates	11,630
Panchito [2]	17	...	Amer.	F. M. Coward	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
K. R. Kingsbury [1]	17	18	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Furnace oil.	10,285
Lapwing [4]	18	18	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tongking [2]	17	18	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	([17])	8,216
Lena Luckenbach.	18	18	Amer.	Luckenbach-Gulf Co.	Seattle, Wash.	New Orleans, La.	Gen., grain.	8,829
Arkansan	18	18	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Baltimore, Md.	General	9,000
Eleonora Maersk [1]	[2]18	18	Dan.	Shell Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	([18])	15,450
Pacific Trader [2]	17	18	Brit.	Furness, Withy & Co	Vancouver, B. C.	London, England	General	7,868
San Felipe	18	18	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,241
Antofagasta	18	19	Chile.	Chile-N. Amer. Line.	Mollendo, Peru.	New York, N. Y.	Nitrates, gen	3,998
Bronnoy [2]	18	18	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Liverpool, Eng.	Lum., wheat.	7,514
Munchen [2]	18	19	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,884
Hagan [1]	18	19	Amer.	Shell Pet. Corp.	Los Angeles, Cal.	Wilmington, N.C.	([19])	9,061
Anneliese Essberger. [2]	18	19	Ger.	Alf Mohn, Oslo	Manila, P. I.	Philadelphia, Pa.	Sugar	8,500
S-43 [7]	19	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C Z.	.....	.....
S-42 [7]	19	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-45 [7]	19	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Oilrelliance [1] [2]	18	19	Brit.	Richmond Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	7,979
New York	19	19	Amer.	Everett S. S. Co.	Portland, Oreg.	Albany, N. Y.	Grain	7,560
El Ciervo [1]	19	19	Brit.	Lobitos Oilfields	Lobitos, Peru	Donges, France.	Crude oil	7,982
Napier Star	19	19	Brit.	Blue Star Line	Gisbourne, N. Z.	London, England	Frozen, gen.	6,623
Trois Ilets	19	23	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	234
Temple Lane	19	20	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [16]	Nit. of soda.	7,820
Getsuyo Maru [2]	19	20	Jap.	Mitsui Bussan Kaisha.	Penang, St. Sett.	New York, N. Y.	General	9,795
Grelrosa	8	20	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Pensacola, Fla.	Nit. of soda.	7,640
S-47 [7]	19	...	Amer.	U. S. Navy	Sea	Cristobal, C. Z.	.....	.....
S-44 [7]	19	...	Amer.	U. S. Navy	Sea	Cristobal, C. Z.	.....	.....
Canada [2]	20	20	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	General	9,408
Antares	18	20	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	([20])	5
Manizales	20	22	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,073
Fortuna [2]	20	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	25
Clio [2]	20	21	Neth.	Royal Neth. S. S. Co.	Guayaquil, Euca.	Cristobal, C. Z.	General	301
Azumasan Maru [2]	20	20	Jap.	Mitsui Bussan Kaisha.	Cebu, P. I.	Wilmington, N.C.	General	7,560
Washington	20	20	Amer.	Weyerhaeuser S. S. Co	Portland, Oreg.	Newark, N. J.	([21])	8,105
Winslow [5]	20	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Luna [2]	19	20	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([22])	16
Vamp [2] [5]	20	...	Amer.	Clifton Hallett	Balboa, C. Z.	Gatun, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [9] Destroyer. [13] Battleship. [15] Fruit, wheat, coffee. [16] For orders. [17] Barley, wheat, lumber. [18] Gas oil, kerosene distillate. [19] Kerosene, Iso octane. [20] Airplane engines. [21] Lumber, pulp, fish oil. [22] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Jeep [2] [5]	20	...	Amer.	G. M. Lowe	Balboa, C. Z.	Gatun, C. Z.	.....	.....
R. G. Dee [2] [5]	20	...	Amer.	W. J. Bartlett	Miraflores, C. Z.	Gatun, C. Z.	.....	.....
Barbara [2] [5]	20	...	Amer.	J. F. Hatchett	Miraflores, C. Z.	Gatun, C. Z.	.....	.....
Inverbank [2]	20	21	Brit.	Morris Redstrom & Co.	Townsville, Aust.	London, England	General	7,735
Moveria [2]	21	21	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	General	5,848
Corsair	21	21	Amer.	J. P. Morgan	Brunswick, Ga.	Charleston, S. C.	Ballast	.....
Hopetor	21	21	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	8,538
Orduna	20	21	Brit.	Pacific Steam Nav. Co.	S. Antonio, Chile	Liverpool, Eng.	General	7,382
L-41 [5]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
L-55 [5]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Lt. Col. H. C. Schumm. [4]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Yawl [5]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Yawl [5]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Yawl [5]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Yawl [5]	21	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Jacob Christensen	21	22	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	5,843
Martin Bakke [2]	21	22	Nor.	Knutsen Line	Vancouver, B. C.	Belfast, Ireland	Lumber, gen.	7,710
San Jose	21	22	Fr.	French Line	Vancouver, B. C.	Le Havre, France	General	6,895
Gryfevale	21	22	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	7,800
Sveadrott [2]	21	22	Swed.	South Pacific Line	Talcahuano, Chile	Goth'burg, Swed.	([14])	7,576
Chilore	22	22	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Cummings, No. 365. [9]	21	23	Amer.	U. S. Navy	Valparaiso, Chile	New York, N. Y.	.....	.....
Chimu [2]	22	22	Amer.	Grace Line	Pisco, Peru	New York, N. Y.	General	2,568
Tamaroa	21	22	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	4,766
Hokkai Maru [2]	22	23	Jap.	Osaka Shosen Kaisha	Hongkong, China	New York, N. Y.	General	6,193
American	22	23	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	Gen., lumber	7,513
Felix Taussig	22	23	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Gen., lumber	8,661
Devon City [2]	22	23	Brit.	Manila Shipping Co.	Iloilo, P. I.	E. coast, U.S.A.	Sugar	9,000
Bodegraven	23	23	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,850
Beaconstreet [2]	23	23	Brit.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	11,506
Elbe [2]	23	24	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	7,717
Baru [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	108
Santa Inez [2]	23	24	Amer.	Grace Line	Arica, Chile	New York, N. Y.	General	3,404
Tanana	23	24	Amer.	Shepard S. S. Co.	Warrenton,	New York, N. Y.	Lum., grain	4,976
Sona [2]	23	24	Pan.	Elliot Ship. & Land Co.	El Real, R. P.	Cristobal, C. Z.	Bananas	46
Glorian [2]	23	...	Amer.	Col. D. G. Richard	Balboa, C. Z.	Gatun, C. Z.	Ballast	.....
Leda [1] [2]	23	24	Pan.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Crude oil	12,228
Nuevo Panama [2]	23	25	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	200
Montrolite [1] [2]	23	24	Brit.	Imperial Oil Co.	Talara, Peru	S'ampton, Eng.	Crude oil	15,174
Heinrich V. Riedemann. [1] [2]	24	24	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Le Havre, France	Crude oil	16,526
Herman Frasch	24	24	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	5,490
Pereira	23	29	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,014
Zealandic [2]	24	24	Brit.	Shaw, Savill & Albion	Pt. Chalmers, N.Z	London, England	General	7,900
Olympia Maru [2]	24	24	Jap.	Mitsubishi Shoji K.	Kobe, Japan	Hamburg, Ger.	Soy beans	8,414
Winslow [5]	24	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Montanan	25	25	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	7,770
Virginia	24	25	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	9,055
Hermonthis [2]	25	25	Ger.	Hamburg-Amer. Line	Valparaiso, Chile	Hamburg, Ger.	General	6,079
Heffron	25	25	Amer.	Pac. Coast Dir. Line	Everett, Wash.	Philadelphia, Pa.	Lumber, gen.	9,038
Mijdrecht [1] [2]	25	25	Neth.	Anglo-Saxon Pet. Co.	El Segundo, Cal.	Lands End [13]	Gasoline	10,214
Samnanger	25	26	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrates	7,050
Alamar	25	26	Amer.	Calmar S. S. Corp.	Portland, Oreg.	Baltimore, Md.	Lumber	8,402
Beneruachan	25	26	Brit.	G. H. Scales, Ltd.	Pt. Pirie, Aus'lia	Antwerp, Belgium	General	7,224
Asuka Maru [2]	26	26	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New Orleans, La.	General	9,434
Virginia [2]	23	26	Pan.	E. L. Cord	Los Angeles, Cal.	Miami, Fla.	Ballast	.....
Chiriqui [2]	26	28	Pan.	Elliot Ship. & Land Co.	Panama City, R.P.	Cristobal, C. Z.	Ballast	.....
Alexandra Hoegh. [1] [2]	26	26	Nor.	Standard Oil of Calif.	Los Angeles, Cal.	Rotterdam, Neth.	Diesel oil	12,402
Ino [2]	26	28	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	519
Texmar	26	27	Amer.	Calmar S. S. Corp.	Aberdeen, Wash.	Boston, Mass.	Lumber	7,281
West Cape	26	27	Amer.	McCormick S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber	7,650
Kentuckian	26	27	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	General	6,618
Tai Yang [2]	26	27	Nor.	Barber-Wilhelmsen	Davao, P. I.	New York, N. Y.	General	6,344
Dagfred [2]	26	27	Nor.	Isbrandtsen Moller Co.	Manila, P. I.	New York, N. Y.	General	5,122
Gertrude Kellogg [1]	26	27	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,719
Port Nicholson	27	27	Brit.	Port Line	Auckland, N. Z.	London, England	Frozen, gen.	8,102
Istmo	26	28	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	389
Cali	27	28	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	776
Havsten [1] [2]	27	27	Nor.	Brunn & Van der Lippe	High seas	Lands End., Eng. [13]	Whale oil	7,479
Admiral Wiley	27	27	Amer.	Bulk Carriers' Assn.	Portland, Oreg.	Galveston, Tex.	Wheat	5,200
Greylock	27	27	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nitrates	10,500
Meton [1]	27	28	Amer.	Shell Eastern Pet. Co.	Los Angeles, Cal.	Fall River Mass.	Gasoline	9,158
Torvanger	28	28	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Eastcoast, U.S.A.	Nitrates	10,535
Ethan Allen	28	28	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	([15])	10,507
Nyhaug [2]	28	28	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Pensacola, Fla.	Nitrates	6,400

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [9] Destroyer. [13] For orders. [14] Copper, barley, general. [15] Copra, sugar, hemp.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Colorado Springs	28	28	Amer.	Lykes Bros.-Ripley	Shanghai, China	New Orleans, La.	Sugar, gen.	8,546
Prince Rupert City	28	28	Brit.	Spreckels Philipine Co	Iloilo, P. I.	EastCoast,U.S.A.	Sugar	8,000
Huntingdon	28	28	Brit.	FederalSteamNav.Co.	N.Plymouth,N.Z.	Glasgow, Scot.	Frozen, gen.	8,461
Commissaire Ramel.	28	29	Fr.	Messageries Marit'es	Noumea,N.Caled	Marseille, France	General	6,194
Rotorua	27	28	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,047
Manoeran [2]	28	28	Neth.	Pac.-Java-Bengal Line	Vancouver, B. C.	South Africa	General	7,403
Gen. Wm. M. Graham. [4]	28	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pomona	28	29	Amer.	Weyerhaeuser S. S. Co.	Portland, Oreg.	Portsmouth, R. I.	([14])	10,322
Point Palmas	28	29	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	Lumber, gen.	5,771
Dinteldijk [2]	28	30	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	9,936
Caledonia [1] [2]	28	29	Nor.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Kerosene dis.	14,601
Wales Maru	28	29	Jap.	Kawasaki S. S. Co.	Tsing Tao, China	Houston, Tex.	General	4,458
Point Ancha	28	29	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	General	5,964
Nagara Maru [2]	28	29	Jap.	Nippon Yusen Kaisha	Manila, P. I.	Baltimore, Md.	General	6,947
Frederika Lensen	29	29	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	7,607
Nebraskan	28	29	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,012
Lucenic	29	29	Brit.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [13]	Nitrates	10,250
Jonna	29	29	Dan.	J. Lauritzen	Talcahuano,Chile	Le Havre, France	Fruit	1,081
Nestor	26	29	Greek	Anglo-Can. Ship. Co.	Pt. Alberni, B. C.	Preston, England	Lumber	2,560
Rolling Stone [2]	29	29	Pan.	R. Wilcox	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Acajutla	29	4	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	960
Admiral Senn	29	30	Amer.	Bulk Carriers Corp.	Vancouver, B. C.	Boston, Mass.	Wheat	5,150
Liberty Glo	29	30	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Gulfport	Nitrates	7,423
Hollywood	29	30	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Buenos Aires, Arg	Lumber, gen.	7,722
Peter Kerr	30	30	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,730
Fernlane [2]	30	30	Nor.	Fern Line	Philippine Islands	New Orleans, La.	Sugar	7,500
Eestirand	30	30	Eston.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	6,540
Canadian Challenger.	30	1	Brit.	Mont.-Aust.-N.Z.Line	Hobart	Halifax, N. S.	General	3,306
W. M. Delphia [2]	30	31	Hond.	W. S. McNab	Amapala, Hond.	La Ceiba, Hond.	Salt	80
Fortuna [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	58
Pacific Reliance [2]	30	30	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,164
Santa Elena	30	31	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,170
Sona [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Tuira [2]	30	31	Pan.	Laffargue Brothers	El Real, R. P.	Cristobal, C. Z.	Bananas	51
Sambu [2]	30	31	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	23
Frank [2]	30	..	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	18
Steel Age	30	31	Amer.	Isthmian S. S. Lines.	Pt. Allen, T. H.	New York, N. Y.	Sugar, gen.	8,019
Marna	30	31	Dan.	West Coast Line	Arica, Chile	New York, N. Y.	General	2,432
Feodosia	30	31	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	3,259
Oklahoman	30	31	Amer.	Amer.-Hawaiian Line.	Pt.Angeles,Wash.	New York, N. Y.	Lum., copper	7,533
Admiral Y. S. Williams.	30	31	Amer.	Bulk Carriers Corp.	Portland, Oreg.	Wilmington,N.C.	Wheat	5,200
Den Haag [1] [2]	31	31	Neth.	Standard Oil Co.	Talara, Peru	Hamburg, Ger.	Gasoline	11,000
Santa Clara	30	31	Amer.	Grace Line	Talcahuano,Chile	New York, N. Y.	General	5,443
Charles Christenson.	31	31	Amer.	Sudden & Christenson	Raymond, Wash.	Baltimore, Md.	Lumber	7,200
Eidsvold [2]	31	1	Nor.	Kawasaki K. Kaisha	Kobe, Japan	Baltimore, Md.	General	4,305
Trois Ilets	1	..	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax	210
Canadian Highlander.	1	1	Brit.	Mont.-Aust.-N.Z.Line	Lyttleton, N. Z.	Halifax, N. S.	Wool, skins	3,232
Chiriqui [2]	1	2	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	271
Sambu [2]	1	1	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Empty drums	20
Celtic Star	1	2	Brit.	Blue Star Line	Seattle, Wash.	Newcastle, Eng.	Frozen, gen.	5,137
Valparaiso [2]	1	2	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	4,900
Horace Luckenbach.	1	2	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	10,333
Timber Rush	2	2	Amer.	Shepard S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	7,740
Franz Klasen [1] [2]	2	2	Pan.	W. Tankschiff Rhed'i	Talara, Peru	Rotterdam, Neth.	([15])	16,828
Gypsum Queen	2	2	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Lake Charles, La.	Nitrates	6,400
Clio [2]	2	..	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	234
Kos 1	28	2	Nor.	Brunn & Von der Lippe	Wellington, N. Z.	Walrus Bay	Ballast	.....
Kos 2	26	2	Nor.	Brunn & Von der Lippe	High seas	Walrus Bay	Ballast	.....
A-N 1	28	2	Brit.	Brunn & Von der Lippe	Wellington, N. Z.	Walrus Bay	Ballast	.....
A-N 4	28	2	Brit.	Brunn & Von der Lippe	Wellington, N. Z.	Walrus Bay	Ballast	.....
A-N 5	28	2	Brit.	Brunn & Von der Lippe	Wellington, N. Z.	Walrus Bay	Ballast	.....
Virgilio [2]	2	3	Ital.	Soc. Italia	Valparaiso, Chile	Genoa, Italy	General	3,137
Buenos Aires [2]	2	3	Swed.	Johnson Line	Vancouver, B.C.	Stockholm, Swed.	General	7,734
Chilean Reefer [2]	2	3	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	Fruit, gen.	1,800
Luna [2]	2	3	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([16])	7
General M. H. Sherman.	2	3	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar, gen.	7,882
Swainby	2	3	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Wheat, lum.	7,862
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	74
Beloit [2]	3	4	Hond.	W. M. Eden	Amapala, Hond.	Trujillo, Hond.	Salt	95
Selvistan	3	3	Brit.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Charleston, S. C.	Nitrates	8,500

[1] Tanker. [2] Motor ship. [4] Tug. [13] For orders. [14] Pulp, wheat, lumber. [15] Gasoline, gas oil. [16] Plaintains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	tons
Durazzo	3	4	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z...	General	668
Sona [2]	3	4	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z...	Bananas	38
San Lucas	3	4	Amer..	States S. S. Co.	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	11,768
John Bakke [2]	3	4	Nor...	Knut Knutsen.	Tocopilla, Chile..	Norrkoping, Swed	General	7,369
Alpha [5]	3	...	Amer..	Otis Barton	Balboa, C. Z.	Cristobal, C. Z...	Ballast	.....
Perene	28	4	Peru..	C. P. V. D.	Callao, Peru	Iquitos, Peru	General	880
Washington [2]	3	5	Fr...	French Line	N. West'er, B. C.	Le Havre, France	General	8,448
Rangitiki [2]	3	4	Brit...	N. Z. Shipping Co.	Lyttleton, N. Z..	London, England	Frozen, gen..	6,113
Admiral Gove	4	4	Amer..	States S. S. Co.	Pt. Town'd, Wash.	New York, N. Y.	Lum., paper.	3,000
Michalakis	4	4	Greek.	Nic. M. Eustathiou...	Iquique, Chile...	Azores. [13]	Nitrates	7,600
Kwanto Maru [2]	4	4	Jap...	Osaka Shosen Kaisha.	Manila, P. I.	Baltimore, Md...	General	7,395
Omaha No. 2 [5]	4	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z...	.....	.....
Caduceus [5]	4	...	Amer..	W. S. George	Balboa, C. Z.	Cristobal, C. Z...	Ballast	.....
Mercury Sun [1] [2]	4	5	Amer..	Sun Oil Co.	El Segundo, Cal..	Marcus Hook, Pa	Gasoline	13,500
Kaia Knudsen [1] [2]	4	5	Nor...	Knudsen Co.	Talara, Peru	Pt. de Bouc, Fr..	Crude oil	13,954
Point Chico	4	5	Amer..	Swayne & Hoyt	Longview, Wash.	Mobile, Ala	Gen., lumber	6,020
Cydonia	5	5	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Jacksonville, Fla.	Nitrates	6,273
Cumbal [2]	5	5	Amer..	Panama Mail S. S. Co.	Pisco, Peru	New York, N. Y.	General	1,970
Alaska	5	6	Fr...	French Line	Valparaiso, Chile.	Le Havre, France	General	8,016
West Ira	5	5	Amer..	McCormick S. S. Co..	Seattle, Wash.	Philadelphia, Pa.	General	7,837
Harry G. Seidel [1] [2]	5	5	Pan...	Agwi Petroleum Co...	Talara, Peru	S'ampton, Eng...	Crude oil	16,576
York City	5	6	Brit...	Sir W. R. Smith & Son	Vancouver, B. C.	Cardiff, Wales...	General	8,832
Dusseldorf [2]	5	6	Ger...	North German Lloyd.	Corral, Chile	Hamburg, Ger...	General	5,700
Isthmian	5	6	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md...	Gen., lumber	10,319
California	5	6	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General	5,895
Waipawa [2]	5	6	Brit...	Shaw, Savill & Albion.	Lyttleton, N. Z..	London, England	General	8,173
Baru [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z...	Bananas	97
Maloja [2]	6	6	Nor...	Kawasaki K. Kaisha..	Santo Nino, P. I..	New York, N. Y.	Sugar, gen...	7,885
Taigen Maru	6	6	Jap...	Ocean Transport Co..	Pulupandan, P. I.	East coast, U. S. A.	Sugar	7,000
Santa Rita [2]	6	7	Amer..	Grace Line	San Antonio, Chile	New York, N. Y.	General	3,425
Jacob Luckenbach	6	6	Amer..	Luckenbach Line	Seattle, Wash.	Mobile, Ala	General	9,111
Ariadne	6	7	Greek.	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	7,800
Mayan	7	12	Amer..	Grace Line	Champ'ico, Guat.	Cristobal, C. Z...	Coffee, gen..	1,445
El Oso [1]	7	7	Brit...	C. T. Bowring & Co..	Cabo Bl'co, Peru.	Manchester, Eng.	Crude oil	10,325
Ume Maru	7	7	Jap...	Kawasaki K. Kaisha..	Kobe, Japan	Boston, Mass.	General	5,119
Scottish Strath [1]	7	7	Brit...	Standard Oil of N. J..	Talara, Peru	Le Havre, France	Crude oil	9,962
Edward Luckenbach.	7	7	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,657
California Express. [2]	7	7	Nor...	Fruit Express Line...	Seattle, Wash.	Rotterdam, Neth.	General	1,012
Curaca	7	8	Amer..	Grace Line	Talcahuano, Chile	New York, N. Y.	General	4,765
Elin K. [2]	7	8	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington, N.C.	Nlt. of soda..	8,237
Taketoyo Maru	7	8	Jap...	Nippon Yusen Kaisha	Iloilo, P. I.	New Orleans, La.	General	8,761
Niel Maersk [2]	8	8	Dan...	Isbrandtsen-Moller..	Iloilo, P. I.	Savannah, Ga	General	6,615
Rialto [2]	3	9	Ital...	Italia Line	Vancouver, B. C.	Trieste, Italy	General	4,897
Utsire	8	8	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Pensacola, Fla	Nitrates	6,650
Komaki Maru [2]	8	8	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	Baltimore, Md...	General	8,438
Pan Scandia [1] [2]	8	8	Nor...	Standard Oil of N. J..	Talara, Peru	Aruba, N. W. I..	([14])	15,212
F. J. Luckenbach	8	9	Amer..	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General	8,143
Point Vincente	8	9	Amer..	Gulf-Pacific Line	Los Angeles, Cal.	Tampa, Fla	Lumber, gen.	7,907
Victolite [1] [2]	8	9	Brit...	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Crude oil	16,127
Ino [2]	9	10	Neth..	Royal Neth. S. S. Co..	Guayaquil, Ecua.	Cristobal, C. Z...	General	462
Nevadan	9	9	Amer..	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	9,545
Sutherland	9	9	Amer..	Cargo Carriers, Inc...	Portland, Oreg...	Albany, N. Y.	Wheat	6,455
Sage Brush	9	9	Amer..	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,593
Tosca [2]	9	10	Nor...	Knut Knutsen	Vancouver, B. C.	Liverpool, Eng...	Lumber, gen.	5,739
Admiral Nulton	9	10	Amer..	States S. S. Co.	Everett, Wash...	Newark, N. J.	Lumber, pulp	3,908
Inn	10	11	Ger...	North German Lloyd.	Champ'ico, Guat.	Bremen, Germany	General	2,262
Lahaina	10	10	Amer..	Matson Nav. Co.	Honolulu, T. H..	New Orleans, La	Sugar cane..	7,365
Queen Anne	10	10	Brit...	Anglo-Can. S. S. Co...	Vancouver, B. C.	Halifax, N. S.	Lumber	7,017
Manizales	10	...	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z...	General	1,040
King Gruffydd	10	11	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Wheat, lum.	7,983
Falsterbo [2]	10	11	Swed..	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	Philadelphia, Pa.	Lumber	6,250
Nuevo Panama [2]	10	13	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z...	Coffee	210
Spind	10	11	Nor...	N. Atl. & Gulf, N. Y..	Guaymas, Mex..	Le Havre, France	Rice	3,000
Luna [2]	10	10	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([15])	10

[1] Tanker. [2] Motor ship. [5] Launch. [13] For orders. [14] Gasoline, kerosene. [15] Plantains, lumber.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.10 per barrel at Cristobal and Balboa; Diesel oil, $1.60 per barrel at Cristobal and Balboa.

Comparison of Traffic at the Suez and Panama Canals for the First Eight Months of the Fiscal Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the first eight months of the fiscal years 1936 and 1937:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936	1937	Increase	Decrease	1936	1937	Increase	Decrease
July	487	466	.....	4.3	377	456	21.0	.....
August	503	471	.....	6.4	395	473	19.7	.....
September	531	479	.....	9.6	391	466	19.2	.....
October	604	490	.....	18.6	441	482	9.3	.....
November	548	511	.....	6.8	418	368	.....	11.9
December	493	508	3.0	.....	459	341	.....	25.7
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
Total	4,170	4,024	.....	3.5	3,405	3,362	.....	1.3

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at C. I. F. cost plus 25 per cent surcharge which covers local freight, handling, and other costs.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of February 26, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.17
Brass, sheet, average	Lb.	.26
Bronze, Tobin, average	Lb.	.18
Gasoline, motor grade	Gal.	.115
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.26
Oil, burning, Colza	Gal.	1.13
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.28
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.37
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

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Volume XXX Balboa Heights, C. Z., May 15, 1937 No. 10

Traffic Through the Panama Canal in April 1937

The total vessels of all kinds transiting the Panama Canal during the month of April 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	April 1935	April 1936	April 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial vessels	432	482	253	220	473
Small commercial vessels [1]	71	44	40	36	76
Noncommercial vessels:					
United States Government	34	33	26	12	38
Colombian Government	.....	.....	1	.....	1
Byrd Antarctic Expedition	2	.....	.....	.....	.....
For repairs	.....	2	1	.....	1
Total	539	561	321	268	589

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended April 30, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
May	424	488	2,366,455	2,504,215	2,291,968	2,419,652	$1,996,156.81	$2,081,103.73
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	1,798,449.39	2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
Total	5,242	5,340	27,571,767	27,155,819	25,999,224	27,360,388	23,119,257.29	22,809,555.99

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for April 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 120	662,451	648,379	Norwegian	56	264,246	287,081
Chilean	2	7,351	9,161	Panamanian	12	37,214	50,517
Danish	16	67,361	67,111	Peruvian	1	1,640	880
Estonian	1	2,337	.....	Spanish	1	3,432	6,294
French	10	60,066	61,047	Swedish	10	44,254	87,856
German	23	88,864	106,828	United States	153	878,010	1,004,645
Greek	10	43,701	45,234	Yugoslav	5	23,033	23,399
Italian	5	35,406	11,260				
Japanese	29	164,895	192,089	Total	473	2,460,549	2,652,880
Netherland	19	76,288	51,099				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[4] Includes one naval vessel of 1,670 tons displacement.

Traffic by Trade Routes, April 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	57	341,000	311,171	48	288,774	387,906
East coast United States and:						
Canada	3	12,942	6,564	2	8,167	13,450
South America	28	127,584	23,251	31	132,363	306,081
Hawaiian Islands	2	9,917	12,187	6	32,026	46,361
Australasia	3	14,931	14,626	3	14,183	22,614
Philippine Islands	11	70,478	79,247	13	75,474	93,347
Far East	41	202,442	310,521	8	48,143	46,238
Canadian intercoastal	1	5,234	8,753	1	5,426	7,017
East coast Canada and:						
South America	.....	.....	.....	3	16,433	32,117
Australasia	4	21,110	16,674	1	4,415	3,232
East coast Central America and South America	1	5,381	10,441	.....	.....	.....
South American intercoastal	4	10,660	15,801	1	1,640	880
East coast South America and:						
United States	1	5,796	8,730	.....	.....	.....
Far East	1	5,821	4,777	1	5,040	1,917
Cristobal and:						
United States	1	5,761	.....	1	5,761	11,730
Central America	4	3,727	3,778	4	3,727	3,707
South America	8	5,177	3,241	10	6,684	6,097
West Indies and:						
United States	1	5,308	3,500	4	25,274	47,502
South America	1	4,910	10,405	1	7,214	15,212
Australasia	1	4,461	7,350	.....	.....	.....
Europe and:						
United States	13	75,222	10,735	7	37,916	58,728
Canada	32	174,882	44,475	29	151,454	212,523
Central America	1	3,008	2,878	3	5,417	8,762
South America	21	116,120	37,721	25	141,627	220,742
Hawaiian Islands	.....	.....	.....	1	8,867	17,575
Australasia	8	66,167	44,799	8	78,477	47,848
Egypt and South America	.....	.....	.....	4	15,277	29,864
Asia and west coast United States	.....	.....	.....	2	4,920	2,595
Around the world	2	17,702	9,456	1	6,523	7,754
Vessels not engaged in commerce	[5] 1	.....	.....	[6] 2	2,323	.....
Foreign vessels in ballast (United States intercoastal)	2	11,263	.....	.....	.....	.....
Total	253	1,327,004	1,001,081	220	1,133,545	1,651,799

[5] Naval, 1,670 displacement tons. [6] Dredge, 757 tons; yacht, 1,566 tons.

Origin and Destination of Cargo by Major Areas, April 1937

The following table summarizes the origin of cargo passing through the Canal in April 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	325,775	15,052	377,762	20,210	13,334	752,133
Other North America	4,901	14,941	8,001	30,084	25,316	83,243
Europe	39,022	16,919	.....	35,030	44,439	135,410
Miscellaneous	9,605	137	4,824	15,329	400	30,295
Total	379,303	47,049	390,587	100,653	83,489	1,001,081

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	385,549	65,665	128,405	5,596	585,215
Canada	13,450	11,386	136,106	132	161,074
Other North America	47,021	3,991	28,882	.....	79,894
South America	303,836	58,463	217,930	30,764	610,993
Australasia	23,723	3,064	46,907	.....	73,694
Asia	136,304	3,552	.....	1,073	140,929
Total	909,883	146,121	558,230	37,565	1,651,799

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during April 1937 or April 1936, are listed below:

Commodity	April		Commodity	April	
	1936	1937		1936	1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	12,968	1,520	Beans, edible, dry	16,157	12,032
Asphalt and tar	13,329	6,201	Canned goods, various	72,128	115,877
Automobiles and parts	27,263	21,019	Coffee	16,516	11,442
Canned goods, various	9,974	12,082	Cold storage (food products) [8]	42,660	30,673
Cement	10,797	14,670	Copra	15,605	7,411
Chemicals [7]	12,192	14,047	Cotton, raw	9,192	14,090
Cotton, raw	22,666	7,274	Flour	26,390	21,862
Iron and steel	123,014	232,753	Fruit, dried	14,597	15,406
Machinery	9,406	16,411	Fruit, fresh [9]	32,295	15,804
Metals, various	13,711	24,822	Lumber	279,007	207,814
Oils, mineral	64,584	84,665	Metals, various	51,412	69,775
Paper	37,197	33,039	Molasses and syrups	14,800	18,853
Phosphates	31,676	21,038	Nitrates	139,546	191,083
Railroad material	18,434	901	Oils, mineral	287,049	280,764
Scrap metal	36,039	221,050	Oils, vegetable	25,558	16,607
Sugar	448	21,130	Ores	104,010	194,172
Sulphur	27,308	24,635	Paper	9,714	11,377
Textiles	8,315	11,529	Rice	5,615	10,715
Tinplate	28,734	27,652	Soy beans	29,491	.....
			Sugar	144,498	121,587
Pacific to Atlantic			Wheat	139,423	73,146
Asphalt and tar	11,286	154	Wood pulp	17,413	12,523
Barley	14,697	29,905	Wool	21,762	15,922

[7] Except as otherwise classified. [8] Except fresh fruit. [9] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of April 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise, but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	106	7
Agricultural implements	2,763	94	5,912	95
Alfalfa meal	.....	697	.....	1,034
Ammonium compounds	241	29	1,520	29
Animal foods [10]	29	374	55	374

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Apparel, wearing (hats, shoes, clothing, etc.)	147	.....	152	5
Asbestos	151	.....	1,520	7
Asphalt and tar	685	38	6,201	154
Automobiles (and autotrucks)	1,741	206	16,179	232
Automobile parts and accessories	799	152	4,840	155
Bags and bagging, textile	271	28	806	28
Bamboo and products	.....	20	.....	411
Bananas	.....	.....	.....	1,545
Barks, miscellaneous	.....	.....	89	215
Barley	.....	121	272	29,905
Beans, edible, dry	106	3,986	138	12,032
Beer	322	.....	467	.....
Beverages, nonalcoholic	28	.....	28	.....
Blood and tankage	.....	.....	.....	17
Bones and bone meal	.....	31	353	31
Books and printed matter	45	.....	209	.....
Borax	67	897	67	12,146
Bran and pollards	.....	425	4	3,317
Bricks and tile	319	100	1,429	124
Camphor, crude	.....	.....	.....	217
Canned and preserved goods:				
Fish	1,167	21,174	1,419	25,230
Fruit	2,651	32,328	2,776	59,910
Meat	17	64	273	239
Milk	166	439	418	678
Soup	1,824	175	1,889	175
Vegetables	1,464	10,580	1,518	10,851
Miscellaneous and unclassified	2,659	17,883	3,789	18,794
Carbon black	22	.....	590	.....
Celite	.....	204	45	204
Cement	586	110	14,670	110
Chalk	30	.....	530	.....
Charcoal	106	9	106	9
Chemicals [10]	6,365	5,305	14,047	6,699
Clay, china and fire	1,160	279	1,941	286
Clay, filtering	.....	40	.....	40
Coal	2,984	.....	6,267	.....
Cocoa and cacao beans	79	.....	682	3,008
Coconuts and products [10]	50	592	169	592
Coffee	105	83	1,881	11,442
Coke	.....	.....	3,207	16
Cold storage and refrigerated products:				
Dairy products	15	92	230	13,435
Eggs	65	84	65	155
Fish	58	5	67	1,073
Lard	535	98	609	134
Meats	18	104	192	13,884
Poultry	.....	288	.....	337
Vegetables	.....	155	.....	175
Other and unclassified	91	1,290	114	1,480
Confectionery	924	.....	1,006	.....
Copra	.....	.....	58	6,530
Copra meal and cake	.....	.....	.....	881
Corn	10	30	8,740	30
Cotton, raw	1,004	514	7,274	14,090
Creosote	22	.....	22	.....
Drugs and medicines	1,622	145	1,739	231
Dyes	.....	606	437	626
Earthenware	.....	.....	4	91
Eggs, dried	.....	.....	.....	71
Electrical apparatus and appliances	2,686	235	4,123	301
Explosives	.....	.....	198	.....
Extract, quebracho	.....	.....	680	.....
Fertilizers [10]	578	675	1,052	951
Fish meal	.....	.....	.....	1,175
Floor coverings	1,841	1,958	1,927	2,280
Flour	203	18,727	948	21,862
Fruit, dried	11	8,565	139	15,406
Fruit, fresh [10]	.....	876	20	15,804
Furniture and household goods	571	33	671	41
General	15,409	5,879	44,029	24,871
Glass and glassware	2,752	345	6,604	991
Glue	143	140	145	180
Grains [10]	.....	361	.....	361
Groceries	1,721	194	1,984	441
Gums	13	21	13	127
Hair, all kinds	.....	58	.....	94
Hay	.....	22	.....	45
Hemp, unmanufactured	28	61	41	1,565
Honey	.....	47	.....	149

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Horns and hoofs	.....	.....	.....	11
Infusorial earth	.....	634	40	1,748
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	144,884	1,061	232,753	1,171
Ivory nuts	.....	.....	509	1,728
Lard substitute	489	.....	489	77
Lime	.....	.....	54	.....
Liquors	3,705	715	5,371	953
Lumber (including manufactured mill products)	3,697	89,425	4,926	207,814
Machinery	5,311	603	16,411	952
Malt	.....	.....	829	.....
Manufactured goods [10]	10,923	734	17,087	4,687
Marble and granite	250	.....	332	.....
Matches	779	36	879	36
Metals:				
Antimony	.....	.....	.....	199
Chrome	27	.....	27	.....
Copper	221	1,779	4,243	45,376
Gold and silver	.....	.....	1	30
Iron	976	700	15,738	705
Lead	51	3,895	2,122	16,030
Tin	721	12	737	1,649
Zinc	128	.....	926	4,700
Other and unclassified	426	109	1,028	1,086
Milk, powdered	144	254	296	350
Molasses and syrups	158	.....	510	18,853
Nitrates	225	.....	4,285	191,083
Nuts, edible (including meats)	.....	.....	37	550
Oats	37	388	140	4,831
Oils, mineral:				
Crude	30	350	161	87,785
Gas and fuel	91	.....	21,363	23,845
Gasoline, benzine, and naphtha	.....	60,520	14,659	146,933
Kerosene	.....	.....	145	20,291
Lubricating and greases	33,125	1,740	48,164	1,910
Other and unclassified	173	.....	173	.....
Oils, vegetable:				
Coconut	.....	16	.....	4,438
Cottonseed	76	.....	76	3,163
Linseed	991	.....	1,074	.....
Olive	.....	80	218	80
Peanut	14	.....	14	600
Rapeseed	.....	358	.....	358
Wood	.....	42	.....	3,925
Other and unclassified	174	155	303	4,043
Oil, fish	.....	.....	23	194
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	19	.....	2,475
Oilseed cake and meal	.....	.....	.....	8,303
Ores:				
Antimony	.....	45	.....	285
Chrome	100	.....	123	7,780
Copper	.....	.....	.....	1,489
Gold and silver	.....	.....	.....	1,125
Iron	119	17	119	162,282
Lead	.....	.....	.....	1,164
Magnesite	.....	2,532	5	3,132
Manganese	99	1,250	189	2,509
Tin	.....	.....	5	4,379
Zinc	.....	.....	86	9,156
Other and unclassified	147	.....	1,746	871
Paints and varnishes	2,100	285	3,653	405
Paper and paper products [10]	10,643	10,173	32,726	11,377
Paper scrap	.....	325	313	325
Peanuts	1,207	25	1,207	35
Peas, dry	.....	49	.....	643
Peatmoss	9	.....	1,403	.....
Phosphates	475	750	21,038	750
Plaster	24	.....	110	.....
Porcelainware	767	134	1,421	4,884
Potash	277	1,173	2,852	2,275
Pyrethrum flowers	.....	.....	.....	539
Rags and waste	193	195	591	4,826
Railroad material	.....	.....	901	.....
Rice	587	25	1,189	10,715
Rope and twine	601	49	856	151
Rosin	1,302	30	3,874	30
Rubber:				
Manufactured	1,366	69	1,981	166
Raw	.....	.....	.....	6,284
Scrap	.....	.....	1,201	85

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Salt	246	708	6,274	1,008
Sand	.....	.....	2,555	600
Scrap metal	96	858	221,050	1,543
Seeds (except oilseeds)	55	593	448	947
Sewer pipe (concrete and terra-cotta)	820	.....	820	.....
Shells, oyster	1,397	.....	1,997	122
Silk, raw	.....	246	.....	2,061
Skins and hides	11	4,098	481	8,872
Slag	.....	.....	3,139	.....
Slate	614	.....	614	.....
Soaps and products	1,918	90	2,222	339
Soda and sodium compounds:				
Soda ash	1,851	.....	2,101	635
Soda, caustic	57	.....	934	.....
Miscellaneous and unclassified	159	.....	942	2,050
Soy beans	177	.....	177	.....
Sugar	86	18,042	21,130	121,587
Sulphur	13,448	.....	24,635	803
Talc	27	27	27	91
Tallow	.....	1,749	15	3,648
Tea	1	10	120	590
Textiles [11]	7,563	250	11,529	7,201
Tinplate	7,682	80	27,652	83
Tobacco and manufactures	657	81	4,145	283
Toilet preparations	279	10	420	159
Turpentine	365	.....	492	.....
Vegetables, dry [10]	.....	.....	69	2,304
Wallboard	58	302	237	1,004
Wax, paraffin	314	30	1,924	154
Wheat	18	22,391	1,525	73,146
Wines	83	2,337	831	3,270
Wood pulp	409	11,217	8,595	12,523
Wool	73	3,608	554	15,922
Total, April 1937	325,775	385,549	1,001,081	1,651,799
Total, April 1936	259,955	450,825	701,703	1,728,431
Total, April 1935	188,950	353,701	659,356	1,419,672

[10] Except as otherwise classified. [11] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of April 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	42,301	20,516	5	32,127	61,400
East coast United States and South America	1	7,749	.....	.....	.....	.....
East coast Canada and South America	.....	.....	.....	3	16,433	32,117
East coast Central America and South America	1	5,381	10,441	.....	.....	.....
South American intercoastal	2	9,526	14,813	.....	.....	.....
Cristobal and United States	1	5,761	.....	1	5,761	11,730
West Indies and:						
United States	.....	.....	.....	3	20,268	39,345
South America	1	4,910	10,405	1	7,214	15,212
Europe and:						
United States	5	33,140	.....	3	18,988	38,418
South America	2	11,266	.....	6	38,182	79,951
Hawaiian Islands	.....	.....	.....	1	8,867	[12] 17,575
Australasia	.....	.....	.....	1	6,987	.....
Total	20	120,034	56,175	24	154,827	295,748

[12] Molasses.

Comparison of Canal Traffic in April 1937, with April Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of April			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[13] 116	404	521	1915	[14] 100	361	466
1916	69	233	366	1916	60	199	258
1917	146	524	628	1917	145	483	588
1918	168	542	627	1918	165	547	627
1919	158	481	507	1919	162	510	576
1920	207	821	867	1920	199	712	781
1921	222	955	908	1921	232	950	966
1922	225	974	1,046	1922	222	951	907
1923	399	2,007	2,187	1923	325	1,550	1,631
1924	395	2,052	2,159	1924	429	2,179	2,249
1925	372	1,840	1,951	1925	382	1,904	1,996
1926	417	2,047	2,237	1926	424	2,064	2,169
1927	449	2,223	2,429	1927	441	2,184	2,311
1928	510	2,382	2,473	1928	521	2,453	2,468
1929	532	2,487	2,718	1929	524	2,485	2,554
1930	479	2,478	2,456	1930	502	2,497	2,502
1931	437	2,291	2,009	1931	447	2,314	2,089
1932	347	1,862	1,442	1932	364	1,968	1,650
1933	337	1,838	1,526	1933	347	1,900	1,513
1934	469	2,493	2,291	1934	436	2,379	2,059
1935	432	2,259	2,079	1935	432	2,317	2,109
1936	482	2,484	2,430	1936	449	2,335	2,209
1937	473	2,461	2,653	([15])	437	2,220	2,249

[13] Canal opened August 15, 1914. [14] Average for 10½ months. [15] Average for 10 months fiscal year 1937.

Terminal Activities

Ships on which repairs were completed during the month of April 1937, numbered 56, including 20 which were drydocked. Fuel oil in the quantity of 319,631 barrels was delivered as bunkers to 141 commercial ships. Bunker coal amounting to 4,979 tons was delivered to 22 commercial ships. Sales of commissary supplies to ships aggregated $61,632.39.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	22,012	11,908	33,920
Local cargo shipped ... tons	3,569	1,248	4,817
Cargo received for transshipment ... tons	44,818	3,573	48,391
Cargo transshipped ... tons	42,863	3,760	46,623
"Canal Zone for Orders" cargo:			
Number of receipts issued	9	2	11
Number of releases issued	46	13	59
Tons received	52	5	57
Tons withdrawn	72	7	79

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	549	3,214,029	1,910,983	511	2,988,619	1,780,432
Vessels entering port but not transiting Canal	57	314,018	178,800	9	39,552	20,642
Vessels transiting Canal and handling passengers and cargo at terminal ports	121	741,663	426,476	95	648,891	365,279
Ships clearing						
All vessels, including those transiting Canal	545	3,229,173	1,917,602	519	2,990,297	1,783,833
Vessels clearing port but not transiting Canal	57	307,833	175,713	9	39,365	20,536
Vessels transiting Canal and handling passengers and cargo at terminal ports	122	765,920	439,636	92	625,359	350,917

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, April 10, 1937, to midnight, May 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Vancouver, 151, 158
Aachen, 73, 420
Nansenville, 76, 1,323
Ulua, 541, 64
Santa Maria, 11,730, 0
Orazio, 179, 79
Ulysses, 0, 69
Nuevo Panama, 218, 351
Peten, 37, 374
Oropesa, 79, 26
Ville de Strasbourg, 0, 13
Santa Rosa, 206, 16
Margaret Lykes, 257, 682
Leme, 8½, 30
Cuba, 1, 1,505
Cefalu, 133, 665
Crynssen, 125, 7
Magister, 1,691, 0
Salvador, 947, 1,028½
Santa Barbara, 314, 40
Istmo, 0, 204
Narenta, 328, 193
Comedian, 511, 0
Santa Clara, 330, 284
Ancon, 2,746, 767
R. L. Hustler, 1½, 0
Punta Arenas, 186, 38
San Gil, 1,513, 0
Veragua, 117, 26
Santa Elena, 58, 412
Tivives, 300, 246
Schwaben, 138, 115
Frida, 131, 0
Haiti, 103, 122
Toloa, 555, 100
Ionia, 252, 195
Bretagne, 1,000, 0
Crynssen, 3, 832
Geisha, 500, 0
Cerigo, 1,130, 165
Augsburg, 433, 264
Nojima Maru, 339, 3
Trois Ilets, 0, 32
Patricia, 25, 1,535
Ammon, 59, 186
Veragua, 57, 116
Cordillera, 622, 66
Sylvafield, 9,624, 0
San Bernardino, 251, 7
Loriga, 2, 457
Europa, 1, 0
Seattle, 184, 129
Contessa, 115, 1,014
Baru, 89, 66
Manizales, 0, 1,136½
Cacique, 1, 0
Santa Maria, 377, 3 pkgs.
Wisconsin, 61, 0
Rosairo, 7,184, 0
Besholt, 413, 0
Istmo, 705, 121
Loreto, 142, 5
Tokai Maru, 367, 241
Osnabruck, 177, 103
Pacific, 5, 673
Quirigua, 144, 53
Venice Maru, 918, 0
Santa Marta, 334, 157
Deroche, 975, 0
Santa Rita, 750, 25
Recorder, 267, 341
Reina del Pacifico, 56, 257
Trois Ilets, 175, 34
Colombia, 208, 21
Alkmaar, 33, 378
Guayaquil, 1,649, 607
Pereira, 1,001, 891
Clio, 0, 97
Pastores, 121, 1,317
Calamares, 309, 178
Surrey, 103, 0
Ino, 499, 45
Canada, 277, 142
Durazzo, 1,110, 939
Marna, 0, 1
Nuevo Panama, 225, 25
Quirigua, 34, 54
San Clemente, 491, 1
Tillie Lykes, 1,125, 290
Santa Paula, 284, 1
Barneveld, 189, 171
Amerika, 0, 29
Tai Shan, 730, 0
Oregon, 200, 126
Cefalu, 160, 836
Cordillera, 2, 1,103
Istmo, 442, 62
Acajutla, 342, 501
Drechtdijk, 691, 502
Pasajero, 0, 31
Arizona, 593, 0
Cristobal, 3,822, 976
Santa Lucia, 500, 216
San Felipe, 115, 65 lbs.
Santa Barbara, 97, 100
Sona, 23, 4
Hakurasan Maru, 1,077, 0
San Mateo, 181, 113
De La Salle, 86, 1,210
Santa Rosa, 165, 186¼
Peten, 122, 64
President Cleveland, 281, 0
Metapan, 739, 310
Clio, 172, 594
Allister, 473, 37
Barmbek, 39, 456
Colombia, 190, 810
Ulua, 489, 273
Kimai Maru, 455, 20
Colombia, 2 pkgs., 1,161
Kreta, 24, 204
Ruhr, 3½, 626
Cali, 1,245, 209
Trois Ilets, 312, 41
Peten, 67, 91
Orbita, 225, 118
Anna Maersk, 486, 0
Istmo, 423, 151½
Santa Inez, 358, 10¼
Annie Johnson, 5, 201
Ulysses, 83, 43
Contessa, 132, 958
Oakland, 92, 320
Mayan, 867, 907
Muenchen, 121, 74
Shinko Maru, 526, 82
Lochkatrine, 214, 0
Santa Maria, 330, 71
Hoxbar, 11,247, 0
Mantilla, 3,055, 0
Chiriqui, 0, 107
Lochmonar, 107, 0
Breda, 0, 55
Damsterdijk, 147, 147
Baarn, 135, 131
Curacao, 435, 56
Buenaventura, 1,758, 1,235
Lobos, 0, 606
Irene, 215, 201
Veragua, 345, 73
Katsuragi Maru, 456, 0
Ino, 631, 94
Erlangen, 325, 124
Sixaola, 796, 365
Manizales, 1,133, 81
La Plata Maru, 0, 409
Haiti, 349, 994
City of Glasgow, 218, 0
Wyoming, 121, 342
San Pedro, 51, 58
Ionia, 22, 1,222
Orazio, 63, 619½
Nuevo Panama, 0, 308
Cerigo, 238, 286
Toloa, 342, 202
Veragua, 56, 42
Santa Elena, 308, 40
Peter Kerr, 284, 75 lbs.
Atlas, 14, 71
Weser, 199, 336
Chancellor, 519, 0

BALBOA

Santa Inez, 210, 17
Talamanca, 163, 20
Mayan, 0, 20
Santa Rosa, 58, 0
St. Mihiel, 233, 56
Santa Barbara, 16, 0
West Mahwah, 1,017, 0
Santa Clara, 151, 25
Santa Elena, 13, 45
Antigua, 449, 35
Chateau Thierry, 841, 425
Europa, 0, 304
Besholt, 92, 0
Salvador, 0, 18
Santa Maria, 30, 0
Coyo, 12, 0
Deroche, 2,348, 0
Vega, 8, 0
California, 10, 113
Santa Rita, 0, 2
Alkmaar, 50, 167
Canada, 1,463, 0
Chiriqui, 295, 21
Santa Paula, 77, 12
Oregon Maru, 429, 0
Tai Shan, 437, 0
Pereira, 0, 84
Santa Lucia, 22, 2
Ludington, 1,380, 302
Santa Barbara, 105, 60
Santa Rosa, 24, 46
Cuzco, 16, 0
Rakuyo Maru, 292, 0
President Wilson, 16, 0
Talamanca, 404, 30
Virginia, 11, 0
Santa Inez, 14, 0
Oakland, 1,445, 0
Santa Maria, 271, 173
St. Mihiel, 100, 13
Trave, 185, 0
Pennsylvania, 0, 133
Allan Jackson, 2,360, 0
Barfonn, 14,885, 0
Antigua, 155, 5
Santa Elena, 105, 2
President Hayes, 4, 0
Atlas, 43, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,128; embarking 1,973; at Balboa 1,277 disembarking and 1,109 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,850, from the Pacific to the Atlantic, 5,054. Aircraft numbering 51 entered Cristobal, and 214 passengers disembarked; clearances were 51, with 199 passengers embarking; at Balboa entries of aircrafts were 51, with 95 passengers disembarking; clearances, 51, with 65 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.25 per barrel at Cristobal and Balboa; Diesel oil, $1.80 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight April 10, 1937, to midnight May 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Birchbank [2]	10	11	Brit.	Andrew Weir & Co.	New York, N. Y.	Moji, Japan	Scrap iron	8,400
Unicoi [2]	10	11	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Frem'tle, Aust'lia	General	3,501
Sessa	11	11	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,222
Shiraha Maru	11	11	Jap.	Mitsubishi Shoji K.	Tampa, Fla.	Yokohama, Japan	Phosphates	7,701
Sokol	11	11	J-Slav.	Commercial Metal Co.	Houston, Tex.	Yawata, Japan	Scrap iron	7,796
Lundby [2]	11	12	Dan.	Anglo-Can. S. S. Co.	Brevik, Norway	Portland, Oreg.	([14])	2,263
Aachen	11	12	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	6,135
Vancouver	11	12	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	6,983
Vito [2]	11	12	Nor.	Kawasaki K. Kaisha	Houston, Tex.	Kobe, Japan	([15])	5,990
Port Hunter	11	12	Brit.	Port Line	London, England	N.Plymouth, N.Z.	General	6,735
Enoch [3]	11	..	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
San Anselmo	10	12	Amer.	States S. S. Co.	Albany, N. Y.	Tacoma, Wash.	General	7,933
Vidovdan	11	12	J-Slav.	Chile. Nit. Sales Corp.	Newport, Eng.	Ant'fagasta, Chile	Ballast	.....
Yahiko [2]	11	12	Jap.	Mitsui & Co.	Baltimore, Md.	Yokohama, Japan	Gen., nitrates	6,725
Kirishima Maru [2]	11	12	Jap.	Kokusai Line	New York, N. Y.	Yokohama, Japan	Cotton, gen.	5,562
Embassage	12	12	Brit.	Anglo-Can. S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Orazio [2]	11	12	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile	General	653
Errington Court	12	12	Brit.	Dant & Russell	Cardiff, England	Vancouver, B. C.	Ballast	.....
Jersey City	12	13	Brit.	Mitsubishi Shoji K.	Lake Charles, La.	Yawata, Japan	Scrap iron	9,127
Nyhaug [2]	12	13	Nor.	Chile Nit. Sales Corp.	Pensacola, Fla.	Iquique, Chile	Ballast	.....
Ville de Strasbourg	12	13	Fr.	Messageries Marit'es.	Marseille, France	Noumea, N.Caled	General	1,130
Onassi Socratis	12	13	Greek	Mitsubishi Shoji K.	Norfolk, Va.	Yawata, Japan	Scrap iron	6,605
Ulysses	11	13	Neth.	Royal Neth. S. S. Co.	Amsterdam, Neth	Tumbes, Peru	Cement, gen.	287
Mayan	7	13	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,271
Cali	7	13	Ger.	North German Lloyd	Carrizal, Colom.	Guayaquil, Ecua.	([16])	666
Tilthorn	12	13	Nor.	Chile Nit. Sales Corp.	N. Shields, Eng.	Iquique, Chile	Ballast	.....
Belfast Maru	12	13	Jap.	Kawasaki S. S. Co.	New Orleans, La.	Yokohama, Japan	([17])	7,645
Mauna Loa	12	13	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hawaiian Islands	([18])	3,356
Santa Maria [2]	11	13	Amer.	Union Oil Co.	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Luna [2]	12	12	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Leme [2]	12	13	Ital.	Italia S. A.	Genoa, Italy	Vancouver, B. C.	General	2,573
Mexican	12	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,782
Samnanger	12	13	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile	Ballast	.....
Point Estero	13	13	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	7,248
Nuevo Panama [2]	11	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	250
Lena Luckenbach	13	13	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,889
Blue Water [6]	13	14	Amer.	M. Huntington	New Orleans, La.	Los Angeles, Cal.	Ballast	.....
Bradglen	13	14	Brit.	Mitsubishi Shoji K.	Beaumont, Tex.	Yawata, Japan	Scrap steel	8,202
West Camargo	14	14	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	6,503
Baru [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
L. A. Christensen [2]	14	14	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Iquique, Chile	Ballast	.....
Blairlogie	14	15	Brit.	Canadian Transp. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Grelrosa	14	14	Brit.	Chile Nit. Sales Corp.	Pensacola, Fla.	Iquique, Chile	Ballast	.....
Istmo	14	15	Pan.	Elliot Ship. & Land Co.	Manaure, Colom.	B'ventura, Col.	Salt, gen.	538
Naruto Maru [2]	14	15	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	([19])	8,510
Real [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Sambu [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Santa Clara	14	15	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	3,556
Marisa [1] [2]	14	15	Neth.	Pet. Mij. La Corona	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Sildra [1] [2]	14	15	Nor.	Standard Oil of N. J.	La Guayra, Ven.	Tocopilla, Chile	([20])	10,855
Carabobo [9]	14	15	Col.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Neptunian [2]	14	15	Brit.	Aus'lian Dispatch Line	London, England	Victoria, B. C.	Ballast	.....
Trois Ilets	1	16	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	32
Texan	15	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	5,925
Tatsuno Maru	15	16	Jap.	Nippon Yusen Kaisha	Philadelphia, Pa	Kobe, Japan	([21])	8,138
Peter Hurll [1] [2]	15	16	Pan.	W. Tankschiff Rhed'i.	New York, N. Y.	Talara, Peru	Ballast	.....
Winslow [5]	14	...	Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	.....
Chaumont [8]	14	19	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	869
Harry Luckenbach	15	16	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,605
Trontolite [1] [2]	15	16	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,958
Greylock	16	16	Amer.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Justitia	16	16	Brit.	Asano Bussano	Wilmington, N.C.	Moji, Japan	Scrap iron	8,050
Torvanger	16	16	Nor.	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile	Ballast	.....
Santa Elena	16	17	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	3,339
Frank [3]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S. C. H. No. 5 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Breckenridge [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Cristobal, C. Z.	Ballast	.....
L-47 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Liberty Glo	16	17	Amer.	Amer.-Foreign Corp.	New Orleans, La.	Los Angeles, Cal.	Sulphur	6,949
Lewis Luckenbach.	17	17	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Gen., iron	10,836
Sidney M. Hauptman.	17	17	Amer.	McCormick S. S. Co.	Norfolk, Va.	Tacoma, Wash.	Steel, gen.	7,290

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [9] Destroyer. [13] For bananas and return to Cristobal. [14] Terromangen, cement. [15] Cotton, potash, etc. [16] Beer, flour, general. [17] Scrap iron, cotton. [18] Automobiles, steel, general. [19] General, lubricating oil, etc. [20] Fuel and Diesel oil. [21] Cotton, general, lubricating oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Schwaben	16	17	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General	5,983
Shikisan Maru [2]	17	17	Jap...	Mitsui & Co.	Boston, Mass.	Kobe, Japan	([14])	7,067
King Robert	17	17	Brit...	Mitsui & Co.	New York, N. Y.	Moji, Japan	Scrap iron	7,600
Portmar	17	18	Amer..	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,775
Minnesotan	17	18	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	5,271
Golden Horn	17	18	Amer..	Amer.-Hawaiian Line.	Baltimore, Md.	San Diego, Calif.	([15])	8,600
Waziristan	17	18	Brit...	Anglo-Can. S. S. Co.	New York, N. Y.	Kobe, Japan	Scrap iron	6,775
Canadian Constructor.	17	18	Brit...	Mont.-Aust.-N.Z.Line	Halifax, N. S.	Melbourne, Aust.	General	4,792
Enoch [2]	16	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	.....
Elwood [1]	17	18	Amer..	Shell Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Selma City	18	18	Amer..	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	General	8,440
Floridian	18	18	Amer..	Amer.-Hawaiian Line.	Charleston, S. C.	San Diego, Calif.	General	7,218
Chateau Thierry [8]	17	...	Amer..	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	7
Tower Crown	18	18	Brit...	Mitsubishi & Co.	Savannah, Ga.	Yawata, Japan	Scrap iron	8,257
Essex Manor	18	18	Brit...	Dant & Russell	Newcastle, Eng.	Portland, Oreg.	Ballast	.....
Hanley	18	18	Amer..	Pac. Coast Dir. Line.	Newark, N. J.	Tacoma, Wash.	Gen., lub. oil	10,916
Ionia	17	18	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,878
Geisha [2]	17	19	Nor...	Knut Knutsen O. A. S.	Oslo, Norway	Valparaiso Chile.	General	3,293
City of Oran	18	19	Brit...	Ellerman & Bucknall.	New York, N. Y.	Auckland, N. Z.	General	4,158
Taranger [2]	18	19	Nor...	Anglo-Can. S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Bretagne	17	24	Fr...	French Line	Bordeaux, France	S. Francisco, Cal.	General	1,629
Westmoreland	19	19	Brit...	FederalSteamNav.Co.	Antwerp, Belgium	Wellington, N. Z.	General	6,274
Norden [1] [2]	19	19	Nor...	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Thistlebrae	19	19	Brit...	Canadian Transp. Co.	Sunderland, Eng.	Vancouver, B. C.	Ballast	.....
Ammon	18	19	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,364
Hokkai Maru [2]	19	19	Jap...	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	7,953
Oregon Express [2]	18	19	Nor...	Fruit Express Line.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Getsuyo Maru [2]	19	19	Jap...	Mitsui Bussan Kaisha	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Segundo [2]	19	19	Nor...	Continental Grain Co.	Houston, Tex.	Yokohama,Japan	([17])	7,218
Henry D. Whiton.	19	19	Amer..	Union Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	6,350
Brynje [2]	19	20	Nor...	Canadian Transp. Co.	Turks Is., B. W. I.	Vancouver, B. C.	([18])	6,564
Luna [2]	19	19	Pan...	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Manizales	10	20	Ger...	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	1,316
Point Judith	20	20	Amer..	Swayne & Hoyt	Tampa, Fla.	Seattle, Wash.	General	6,069
Europa [2]	20	22	Dan...	East Asiatic Co.	Copenhagen,Den.	Vancouver, B. C.	General	311
Mount Pentelikon	20	20	Greek.	State Marine Corp.	Emden, Germany	Portland, Oreg.	Ballast	.....
Salvador	13	20	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,034
Nani [6]	12	...	Ger...	Erik Hanner	LasPalmas,Can.I.	Tahiti, S. Sea Is.	Ballast	.....
Steel Traveler	20	21	Amer..	Isthmian S. S. Lines.	Baltimore, Md.	Shanghai, China.	Steel, gen.	9,056
Modavia [2]	20	20	Brit...	Donaldson Brothers.	Glasgow, Scot.	Vancouver, B. C.	General	2,092
Hawaiian	20	20	Amer..	Amer.-Hawaiian Line.	New York, N. Y.	Seattle, Wash.	General	3,262
Elin K. [2]	20	21	Nor...	Chile Nit. Sales Corp.	Wilmington,N.C.	Tocopilla, Chile.	Ballast	.....
San Bernardino	20	21	Amer..	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	6,905
Grete Maersk [2]	20	21	Dan...	Isbrandtsen MollerCo.	Baltimore, Md.	Cebu, P. I.	General	7,691
Azumasan Maru [2]	21	21	Jap...	Mitsui Bussan Kaisha	Boston, Mass.	Moji, Japan	([19])	6,307
Mount Atlas	21	21	Greek.	Canadian Transp. Co.	Amsterdam, Neth	Vancouver, B. C.	Ballast	.....
Loriga [2]	20	21	Brit...	Pacific Steam Nav.Co.	Hull, England	Talcahuano,Chile	General	5,577
Baru [2]	20	21	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	67
London Exchange.	21	21	Brit...	FederalSteamNav.Co.	New York, N. Y.	Adelaide, Aus'lia.	General	3,190
Rotterdam [1] [2]	21	22	Neth..	Standard Ship. Co.	London, England	Talara, Peru	Ballast	.....
Liberator	21	22	Amer..	Lykes Bros. Ripley.	New Orleans, La.	Cebu, P. I.	Gen., cotton.	8,897
Sona [2]	20	21	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Winslow [5]	20	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Javanese Prince [2]	22	22	Brit...	Prince Line, Ltd.	Halifax, N. S.	Shanghai, China.	General	6,924
Acacia [13]	16	...	Amer..	U. S. Government	San Juan, P. R.	Balboa, C. Z.	Ballast	.....
Fortuna [3]	22	..	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Istmo	21	22	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	582
Sea King [6]	19	22	Peru..	Andres Gaggero	Philadelphia, Pa.	Callao, Peru	Ballast	.....
Nellie	22	22	Greek.	Anglo-Can. S. S. Co.	Amsterdam,Neth.	Williamsh'd,B.C.	Ballast	.....
Irisbank [2]	22	22	Brit...	Bank Line, Ltd.	New York, N. Y.	Shanghai, China.	General	4,995
Robert Luckenbach.	22	22	Amer..	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,939
Michael J. Goulandris.	22	22	Greek.	Goulandris Brothers.	Antwerp,Belgium	Vancouver, B. C.	Ballast	.....
Stensby [2]	22	23	Dan...	Anglo-Can. S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Hagan [1]	22	23	Amer..	Shell Petroleum Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	.....
Nollington Court.	22	23	Brit...	Canadian Transp. Co.	London, England	Vancouver, B. C.	Ballast	.....
Utsire	22	23	Nor...	Chile Nit. Sales Corp.	Pensacola, Fla.	Chile	Ballast	.....
Alpha [5]	...	...	Amer..	Otis Barton	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Capt. Harry [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Osnabruck [2]	22	23	Ger...	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,825
Scottish Heather [1]	22	23	Brit...	Tankers, Ltd.	Aruba, N. W. I.	SanAntonio,Chile	Fuel oil	10,405
Quincy [12]	22	27	Amer..	U. S. Navy	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
President Garfield	23	23	Amer..	Dollar Line	New York, N. Y.	S. Francisco, Cal.	Gen., iron	5,009
California	23	23	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	3,237

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [12] Cruiser. [13] Lighthouse tender. [14] Pig iron, steel, etc. [15] Pipe, steel, general. [16] For bananas and return to Cristobal. [17] Sulphur, scrap rails. [18] General, salt, sulphur. [19] General, iron, rosin, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Steelmaker	23	23	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	Steel, gen.	8,831
Reiyo Maru	23	24	Japan	Mitsui & Co.	Philadelphia, Pa.	Yokohama, Japan	Pig iron	7,499
Charles R. McCormick.	23	24	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	Gen., steel	4,731
King Idwal	23	24	Brit.	Luria Steel & Trad. Co.	Philadelphia, Pa.	Osaka, Japan	Scrap iron	6,781
Antofagasta	23	24	Chile	Chile. N. Amer. Line.	New York, N. Y.	Valparaiso, Chile.	[14]	4,457
Heffron	23	24	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	Lub. oil, gen.	1,930
Trelyon	23	24	Brit.	Andrew Weir & Co.	Liverpool, N. S.	Dunedin, N. Z.	Paper	4,368
Lillian Luckenbach.	23	24	Amer.	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	[15]	8,416
Pakeha	23	24	Brit.	Shaw, Savill & Albion	Liverpool, Eng.	Timaru, N. Z.	General	7,386
Santa Rita [2]	23	24	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,901
Temple Pier	24	24	Brit.	Temple S. S. Co	Newp't News, Va.	Moji, Japan	Scrap iron	7,100
Trois Ilets	23	24	Fr.	French Line	Cristobal, C. Z.	Esmeraldas, Ecua	General	37
Reina del Pacifico. [2]	23	24	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	2,206
American	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,382
Alkmaar	23	25	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,436
Clio [2]	2	24	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	88
Pierre L. D. [2]	24	24	Fr.	Louis Dryfus & Co.	Buenos Aires, Arg.	Los Angeles, Cal.	Maize	8,730
Tanana	24	25	Amer.	Shepard S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,841
Marna	24	25	Dan.	J. Lauritzen	New York, N. Y.	Coronel, Chile	General	1,560
Columbia Maru [2]	24	25	Jap.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Seikoshin, Korea	Phosphates	8,209
Canada [2]	24	26	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B. C.	Gen., paper	5,985
Calmar	24	25	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,027
Gro	24	25	Nor.	Chile Nit. Sales Corp.	Falmouth, Eng.	Iquique, Chile	Ballast	.....
Ino [2]	24	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	41
Cressington Court. [2]	24	25	Brit.	Mitsui & Co.	Antwerp, Belgium	S. Francisco, Cal.	Sugar	3,500
Washington	25	25	Amer.	Weyerhaeuser Lum. Co	Newark, N. J.	Everett, Wash.	[16]	4,223
Cydonia	25	25	Brit.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Allende	24	25	Brit.	Hasegawa & Co.	Boston, Mass.	Kamaishi, Japan.	Scrap steel	8,314
Astoria [2]	25	25	Dan.	Isbrandtsen Moller Co	New York, N. Y.	Dairen, China	Gen., scrap	7,495
Villanger [2]	25	25	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Portland, Oreg.	General	69
El Aleto [1] [2]	25	26	Brit.	C. T. Bowring & Co.	Cobh, I. F. S.	Lobitos, Peru	Ballast	.....
No. 238 [5]	19	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Durazzo	24	26	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	851
Chattanooga City	26	27	Amer.	Isthmian S. S. Lines	Portland, Me.	Tacoma, Wash.	Steel, gen.	8,080
Mariota	26	26	Brit.	Townsend Bros. Co.	New York, N. Y.	Kobe, Japan	Scrap iron	6,006
Pontypridd	25	26	Brit.	Andrew Weir & Co.	La Romana, Dom.	Auckland, N. Z.	Sugar	7,350
Pacific Pioneer [2]	26	26	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,596
San Clemente	26	27	Amer.	Calif. & Eastern Line.	Albany, N. Y.	Seattle, Wash.	General	4,705
Pereira	23	27	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	893
Washingtonian	26	27	Amer.	Amer.-Hawaiian Line.	N. London, Conn.	Tacoma, Wash.	General	5,787
Nuevo Panama [2]	25	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Puntarenas, C. R.	General	250
Mobiloil [1]	26	27	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Luna [2]	26	26	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Achilles [5]	...	...	Amer.	C. S. Christian	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Anneliese Essberger. [2]	26	27	Ger.	LongIs. Mach. & Eq. Co	Norfolk, Va.	Kamaishi, Japan.	Scrap iron	8,512
Dorothy Cahill	26	27	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	7,020
Sedgepool	26	27	Brit.	Anglo-Can. S. S. Co.	Boston, Mass.	Vancouver, B. C.	Ballast	.....
Rio Blanco	27	27	Brit.	Thompson S. S. Co.	Jacksonville, Fla.	Yawata, Japan	Scrap iron	6,701
Darlington Court [2]	27	27	Brit.	Dingwell Cotts	Birkenhead, Eng.	Vancouver, B. C.	Ballast	.....
Oregon [2]	27	28	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	[17]	7,766
Montanan	27	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,576
Robert F. Hand [1] [2]	27	28	Brit.	Standard Oil of N. J.	Glasgow, Scot.	El Segundo, Calif	Ballast	.....
Norfolk	28	28	Brit.	Federal Steam Nav. Co.	London, England	New Zealand	Ballast	.....
Lebore	28	28	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Samuel Bakke [2]	28	28	Nor.	Knutsen Line	Belfast, Ireland.	Vancouver, B. C.	Ballast	.....
City of Singapore	27	28	Brit.	Ellerman & Bucknall.	Baltimore, Md.	Shanghai, China	General	9,197
Istmo	27	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	130
Telesfora de Larrinaga.	28	29	Brit.	Mitsubishi Shoji K.	New Orleans, La.	Moji, Japan	Scrap iron	9,636
Real [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Frank [3]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirre [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	27	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Remedios, R. P.	[18]	4
Enoch [3]	27	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	[19]	.....
Barge No. 5390	27	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	.....	.....
Plunger [7]	26	30	Amer.	U. S. Navy	Guantan'o, Cuba	Guayaquil, Ecua.	Ballast	.....
Connector	29	...	Brit.	Can. Nat. Steamships	Kingston, Jam.	Balboa, C. Z.	Dry docking	.....
San Felipe	29	29	Amer.	Quaker Line	Norfolk, Va.	Seattle, Wash.	Gen., steel	3,826
Titanian [2]	24	1	Nor.	Mitsui & Co.	Newcastle, Eng.	S. Francisco, Cal.	Ballast	.....
Santa Barbara [2]	29	30	Amer.	Grace Line	New York, N. Y.	S. Antonio, Chile	General	2,783
Helen Whittier	29	29	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	Steel	7,455
Elna	29	29	Eston.	Chile Nit. Sales Corp.	Bremen, Ger.	Tocopilla, Chile	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [14] Sugar, pineapples, automobiles. [15] Steel, pipe, general. [16] Steel, automobiles, general. [17] General, coke, sand, etc. [18] Structural material. [19] Towing barge No. 5390.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Burma	29	30	Ital...	Yamashita K. Kaisha.	Rotterdam, Neth.	Oakland, Calif...	Ballast	.....
Djambi [2]	29	30	Neth..	Rotterdam Lloyd	Norfolk, Va	Los Angeles, Cal.	Ballast	.....
Svealand [2]	30	30	Swed..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Fernwood [2]	30	30	Nor...	Isbrandtsen Moller...	Newp't News, Va.	Kobe, Japan	Scrap iron..	7,495
Port Chalmers [2]	30	30	Brit...	Com'lth & Dom. Line	London, England	Bluff, N. Z.	General	6,928
Tarpon [7]	30	...	Amer..	U. S. Navy	High seas	Balboa, C. Z.	Ballast	.....
Minerva [2]	30	30	Nor...	Chile Nit. Sales Corp.	Mobile, Ala	Chile	Ballast	.....
Point Ancha	30	1	Amer..	Swayne & Hoyt	New Orleans, La.	S. Francisco, Cal.	General	6,027
Santa Rosa	30	1	Amer..	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,661
Rosita [5]	29	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Tow. barge..	.....
Nagara Maru [2]	30	1	Jap...	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Gen., iron..	8,452
Ger-Y-Bryn	1	1	Brit...	Anglo-Can. S. S. Co..	S. Shields, Eng..	Williamsh'd,B.C.	Ballast	.....
Hadleigh	1	1	Brit...	Atl. Ship. & Trad. Co..	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Horace Luckenbach.	1	1	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash	General	4,612
Clio [2]	30	1	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General	536
Eleonora Maersk [1]	1	1	Dan...	Shell Oil Co. of L. A..	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Remuera	1	2	Brit...	N. Z. Shipping Co.	London, England	Wellington, N. Z.	Basic slag..	1,255
Framlington Court.	1	1	Brit...	Seaboard Lumber Co.	Houston, Tex.	Williamsh'd,B.C.	Ballast	.....
Pennmar	1	1	Amer..	Calmar Line	Baltimore, Md.	Seattle, Wash	Steel, gen	7,865
Kentuckian	2	2	Amer..	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	3,381
Thistlegarth	2	2	Brit...	Canadian Transp. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Kinross [2]	2	2	Brit...	Andrew Weir & Co.	Philadelphia, Pa.	Osaka, Japan	([13])	8,611
Kreta	2	3	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,743
Weirbank [2]	2	2	Brit...	Long Is. Steel & Equip.	New Orleans, La.	Osaka, Japan	Scrap iron..	8,011
President Wilson	2	3	Amer..	Dollar Line	New York, N. Y.	Round the world.	Mach., gen..	4,691
Acajutla	27	3	Brit...	Pacific Steam Nav. Co	Cristobal, C. Z..	Champ'ico, Guat.	General	500
Jacob Luckenbach.	2	3	Amer..	Luckenbach Line	Houston, Tex.	Seattle, Wash	General	5,259
West Cape	2	3	Amer..	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash..	General	5,000
Berganger [2]	2	3	Nor...	Interocean S. S. Corp.	Amsterdam, Neth	Vancouver, B. C.	Passengers	.....
Tuira [2]	1	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
San Blas	2	3	Pan...	United Fruit Co.	Galveston, Tex	Pto. Arm'les, R. P.	Ballast	.....
Celtic Monarch	3	3	Brit...	Canadian Transp. Co.	Fowey, England.	Powell Riv., B. C.	China clay..	2,726
Mydrecht [1] [2]	3	3	Neth..	Anglo-Saxon Pet. Co.	Avonmouth, Eng.	S. Francisco, Cal.	Ballast	.....
Sea Thrush	3	3	Amer..	Shepard S. S. Co.	New York, N. Y.	Tacoma, Wash..	General	4,154
Port Wellington	3	3	Brit...	Port Line	Liverpool, Eng..	Adelaide, Aust'lia	General	4,980
Canadian Challenger.	3	4	Brit...	Mont.-Aust.-N.Z.Line	Halifax, N. S.	Dunedin, N. Z.	General	3,389
Anglo Canadian [2]	3	4	Brit...	Lawther, Latta & Co.	London, England	Vancouver, B. C.	Ballast	.....
Ruhr [2]	2	4	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Talcahuano, Chile	General	4,162
Luna [2]	3	4	Pan...	A. Tagaropulos	Cristobal, C. Z..	Darien, R. P.	General	3
Wales Maru	3	4	Jap...	Kawasaki K. Kaisha.	Houston, Tex.	Yokohama, Japan	([14])	7,552
Point Palmas	3	4	Amer..	Swayne & Hoyt	Houston, Tex.	Seattle, Wash	General	4,252
Admiral Gove	4	4	Amer..	States S. S. Co.	Baltimore, Md..	S. Francisco, Cal.	General	1,942
Tamaroa	4	5	Brit...	Shaw, Savill & Albion	London, England	Auckland, N. Z..	General	2,819
Cali	2	4	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General	189
Pengreep	4	4	Brit...	Simp'n-Spence, Young	Philadelphia, Pa.	Yokohama, Japan	Scrap iron..	7,005
Frank [3]	1	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Arkansan	4	5	Amer..	Amer.-Hawaiian Line.	Baltimore, Md..	Seattle, Wash	General	3,252
Olney [3]	4	5	Amer..	Penn. Shipping Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	.....
Baru [2]	4	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
American Robin	4	5	Amer..	Amer.-For. S. S. Corp.	Freeport, Tex.	Oakland, Calif..	Sulphur	7,230
Nebraskan	5	5	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash	General	5,354
Kwanto Maru [2]	5	5	Jap...	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	Gen., autos..	8,307
Amerikaland [2]	5	5	Swed..	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	.....
Meton [1]	5	5	Amer..	Shell Eastern Pet. Co..	Perth Amboy, N.J.	Los Angeles, Cal.	Ballast	.....
Queen Mary [6]	3	9	Brit...	W. A. Crowell	Halifax, N. S.	Vancouver, B. C.	Ballast	.....
Sithonia	4	5	Brit...	Mitsubishi S. Kaisha.	Tampa, Fla	Yawata, Japan	([13])	9,012
La Plata Maru [2]	4	5	Jap...	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Cotton, wool	3,901
Oakland [2]	4	6	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	([15])	5,768
Munchen [2]	5	5	Ger...	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,613
Raby Castle [2]	5	6	Brit...	Barber Line	Trenton, N. J.	Moji, Japan	Scrap iron..	7,039
Skramstad [2]	5	6	Nor...	Fern Line	Houston, Tex.	Kobe, Japan	([16])	7,261
Maloja [2]	5	6	Nor...	Kawasaki K. Kaisha.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Devon City [2]	5	6	Brit...	Mitsubishi S. Kaisha.	Port Arthur, Tex.	Moji, Japan	Scrap iron..	8,935
Real [2]	4	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Enoch [3]	4	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z. [17]	.....	.....
Lochkatrine [2]	5	6	Brit...	Royal Mail Lines	London, England	Portland, Oreg.	General	3,894
Eleanor Christensen.	5	6	Amer..	Arrow Line	Baltimore, Md..	Seattle, Wash	General	5,698
Anglo African	5	6	Brit...	Lawther, Latta & Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
St. Mihiel [8]	5	7	Amer..	U. S. Army	Brooklyn, N. Y..	S. Francisco, Cal.	Supplies	508
Santa Maria [2]	5	7	Amer..	Grace Line	New York, N. Y.	S. Antonio, Chile.	General	2,901
Southern Sun [1] [2]	6	6	Amer..	Sun Oil Co.	Chester, Pa	Los Angeles, Cal.	Ballast	.....
Olymp [2]	6	6	Pan...	Chile Nit. Sales Corp.	Mobile, Ala	Tocopilla, Chile..	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [13] Scrap iron and steel. [14] Iron, phosphates, etc. [15] General, steel, pulp, etc. [16] Scrap and pig iron. [17] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Lochmonar [2]	6	6	Brit.	Royal Mail Lines	London, England	Vancouver, B. C.	General	6,007
Nailsea Meadow	6	7	Brit.	K. Line	Houston, Tex.	Osaka, Japan	Scrap iron	7,950
Lobas [2]	6	7	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	4,331
Winslow [5]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Baarn	6	7	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,614
Ontariolite [1] [2]	6	7	Brit.	Standard Oil of N. J.	LaGuayra, Venez.	Iquique, Chile	Fuel oil	12,079
Ronda [2]	6	7	Nor.	Mitsui Line	New York, N. Y.	Moji, Japan	([15])	7,038
Pennsylvania	7	8	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,444
Edward Luckenbach.	7	7	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,305
Gen. M. H. Sherman.	7	7	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	General	5,808
Curaca	6	7	Amer.	Grace Line	New York, N. Y.	Callao, Peru	([16])	428
Dagfred [2]	7	7	Nor.	Isbrandtsen Molier	Baltimore, Md.	Manila, P. I.	General	6,834
Melbourne Star [2]	7	8	Brit.	Federal Steam Nav. Co.	Liverpool, Eng.	Dunedin, N. Z.	General	10,623
Herman F. Whiton	7	8	Amer.	Union Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,200
Hoegh Transporter. [2]	7	8	Nor.	Leif Hoegh	Pt. Tampa, Fla.	Yokohama, Japan	Phosphates	8,502
Mobilgas [1]	7	8	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Allan Jackson [1]	8	9	Amer.	Standard Oil of N. J.	Aruba, N. W. I.	Corinto, Nic.	Fuel oil	10,071
Chiriqui [2]	5	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Gas., gen.	175
Prince Rupert City.	8	9	Brit.	Mitsubishi S. Kaisha.	Port Arthur, Tex.	Osaka, Japan	Scrap steel	8,143
Aakre [2]	8	8	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	
Nereus	8	9	Greek.	Hardjilias & Co.	Mobile, Ala.	Kobe, Japan	Scrap iron	9,258
Laomedon	8	9	Brit.	Alfred Holt & Co.	Philadelphia, Pa.	Shanghai, China.	General	5,104
Pomona	8	9	Amer.	Pac.-Coast Direct Line	Portsmouth, R. I.	Seattle, Wash.	General	3,465
Ino [2]	7	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	85
Severn Leigh	8	9	Brit.	Gulf States S. S. Co.	Houston, Tex.	Yokohama, Japan	Scrap iron	6,928
San Pedro	8	9	Fr.	French Line	Havre, France	Vancouver, B. C.	General	6,566
Erviken	8	9	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile	Ballast	
Tai Yang [2]	9	9	Nor.	Barber-Wilhelmsen	New York, N. Y.	Manila, P. I.	General	6,440
Istmo	3	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	Gas., gen.	335
Sagoland	9	9	Phil. I.	Longls. Mach. & Equip.	Panama City, Fla.	Osaka, Japan	Scrap iron	8,621
Trois Ilets	2	9	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	43
Nuevo Panama [2]	8	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	Gas., gen.	190
Kepwickhall	9	9	Brit.	J. J. Moore & Co.	Cardiff, England.	Vancouver, B. C.	Ballast	
Canadian Highlander.	9	10	Brit.	Ellerman & Bucknall.	Halifax, N. S.	Adelaide, Aust'lia	([17])	4,105
Enoch [3]	8		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]		
Komaki Maru [2]	9	10	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Osaka, Japan	General	7,877
San Gil	10	11	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	
Eastern Glade	10	10	Amer.	McCormick S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	([19])	4,669
President Hayes	10	10	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	([20])	4,475
Pacific Ranger [2]	10	10	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,394
Cucuta [2] [3]	9	10	Colom.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-43 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-45 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-47 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Steel Age	10	10	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	([22])	9,064
Atlas	10	11	Ger.	North German Lloyd.	Bremen, Ger.	Champ'ico, Guat.	General	2,795
Falsterbo [2]	10	11	Swed.	Anglo-Can. S. S. Co.	Philadelphia, Pa.	Vancouver, B. C.	Ballast	
Haraldsvang	10	11	Nor.	State Marine Corp.	Baltimore, Md.	Moji, Japan	Steel, pig iron	4,300
Helgoy [2]	10	11	Nor.	Erling H. Samuelsen.	Boston, Mass.	Yawata, Japan	Scrap steel	8,994
Rasma	10	11	Latv.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	
Point Chico	10	11	Amer.	Swayne & Hoyt.	Houston, Tex.	Tacoma, Wash.	General	6,514
Dunelmia	10	11	Brit.	Canadian Transp. Co.	Port Royal, Jam.	Vancouver, B. C.	Ballast	

PACIFIC TO ATLANTIC

Memphis City	10	11	Amer.	Isthmian S. S. Lines.	Portland, Oreg.	Baltimore, Md.	General	8,164
Lebore	11	11	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Nansenville [2]	10	12	Nor.	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	6,559
Santa Maria [1]	11	12	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Cristobal, C. Z.	Diesel oil	11,730
Knoxville City	11	11	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	General	8,497
San Simeon	11	11	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,416
Lapwing [4]	11		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Kansan	11	12	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	7,541
Hell Cat [14]	11		Amer.	U. S. Army	Balboa, C. Z.	Gatun Lake, C. Z.	Ballast	
Arinia [1] [2]	12	12	Brit.	Anglo-Saxon Pet. Co.	El Segundo, Calif.	Habana, Cuba	Benzine	11,905
Uranienborg	12	12	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	6,050
Oropesa	12	12	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	General	9,852
Columbian	12	12	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	5,966
Santa Rosa	12	13	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,176

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [7] Submarine. [13] Training ship. [14] Motor boat. [15] Scrap, pig iron, etc. [16] General, dynamite. [17] Automobiles, paper, general. [18] For bananas and return to Cristobal. [19] Steel, pipe, general. [20] General, machinery, etc. [22] Steel, acid, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Point Clear	12	13	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	Lumber, gen.	6,273
Los Angeles [2 3]	13	14	Amer.	Mer't-Chapm'n-Scott	Los Angeles, Cal.	New York, N. Y.	.....	.....
Peacock [4]	13	14	Amer.	Mer't-Chapm'n-Scott	Los Angeles, Cal.	New York, N. Y.	.....	.....
Baru [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	98
Steel Inventor	13	13	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	New York, N. Y.	([15])	8,012
Southern Sun [1 2]	13	13	Amer.	Sun Oil Co.	El Segundo, Calif.	Chester, Pa.	Gasoline	13,482
Salvador	13	20	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	947
Archangelos	13	14	Greek.	Corp. de Ventas Saltre	Taltal, Chile	Alexandria, Egypt	Nitrates	8,350
Pacific President [2]	13	14	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,700
Frank [2]	13	16	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	42
Real [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Sambu [2]	13	14	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	24
Winslow [5]	13	15	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Anglo Norse [1]	13	18	Brit.	Brunn & Von der Lippe	Wellington, N. Z.	Tonsberg, Nor.	Ballast	.....
Svealand [2]	13	14	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,400
Democracy	13	14	Amer.	Gulf-Pacific Line	S. Francisco, Cal.	Tampa, Fla.	General	6,515
A-N 2	13–28	18	Brit.	Brunn & Von der Lippe	Wellington, N. Z.	Walrus Bay	Ballast	.....
Narenta	14	15	Brit.	Royal Mail Lines	Victoria, B. C.	Liverpool, Eng.	General	8,110
Santa Barbara [2]	14	14	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,232
St. Mihiel [8]	12	15	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Supplies	.....
Nourmahal [2 6]	14	15	Amer.	Vincent Astor	Miami, Fla.	New York, N. Y.	Ballast	.....
Paul Harneit [1 2]	14	15	Ger.	Standard Oil of N. Y.	El Segundo, Calif.	London, England	Gasoline	14,660
Minerva [2]	14	15	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrates	9,385
Punta Arenas	14	15	Chile.	Chile-N. Amer. Line.	Valparaiso, Chile.	New York, N. Y.	General	4,704
Edwin Christenson.	14	15	Amer.	Sudden & Christenson	Raymond, Wash.	Baltimore, Md.	Lumber	7,522
Olymp [2]	15	19	Pan.	Chile Nit. Sales Corp.	Iquique, Chile	Gulfport, Miss.	Nitrates	6,500
Coloradan	15	15	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,992
Chr. Knudsen [2]	15	16	Nor.	Canadian Transp. Co.	Pt. Alberni, B. C.	Cardiff, Wales	Lumber, gen.	6,430
Eli [2]	15	16	Nor.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	New York, N. Y.	Lumber	7,200
Yorkmar	15	16	Amer.	Calmar Line	Seattle, Wash.	New York, N. Y.	Lead, lumber	8,600
Dorothy Luckenbach.	15	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,019
Ashburton [2]	15	16	Brit.	Trinder Anderson & Co.	Tangadiou	Philadelphia, Pa.	Chrome ore.	7,780
Vinland [2]	15	16	Nor.	Scand.-S. Pac. Line.	Valparaiso, Chile.	Porsgrunn, Nor.	Barley, iron.	6,417
Bennekom	16	16	Neth.	Royal Neth. S. S. Co.	Lebu, Chile	Hamburg, Ger.	General	8,262
West Mahwah	15	16	Amer.	McCormick S. S. Co.	Seattle, Wash.	Wilmington, N. C.	Gen., lumber	8,157
Tolken	16	17	Swed.	Transatlantic S. S. Co.	Apia, Samoa Is.	Marseille, France	Lead, copra.	7,472
S-42 [7]	16	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-45 [7]	16	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Parthenia	16	17	Brit.	Donaldson Brothers.	Victoria, B. C.	Glasgow, Scot.	General	6,069
Eir	16	17	Nor.	Continental Grain Co.	S. Francisco, Cal.	Hull, England	Barley	7,338
Frida	16	17	Dan.	West Coast Line	Talcahuano, Chile	New York, N. Y.	Nitrates, gen.	2,425
Cerigo	17	18	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,028
Amerikaland [2]	16	17	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,350
Grays Harbor	17	17	Amer.	Matson S. S. Co.	Honolulu, T. H.	New York, N. Y.	([16])	7,856
Omaha [1 2]	17	17	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Arizonan	17	17	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,180
Luna [2]	17	17	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	1
Santa Clara Valley. [2]	17	17	Brit.	W. R. Smith & Sons.	Los Angeles, Cal.	London, England	General	7,685
Sydney Star [2]	18	18	Brit.	Blue Star Line	Townsville, Aus'ia	London, England	Frozen, gen.	8,939
Augsburg	17	19	Ger.	North German Lloyd.	Sydney, Aust'lia.	Baltimore, Md.	General	6,923
S-43 [7]	18	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	18	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Arawa	17	18	Brit.	Shaw, Savill & Albion.	Wellington, N. Z.	London, England	Frozen, gen.	4,787
Mathew Luckenbach.	17	18	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	8,746
Nojima Maru [2]	18	18	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	5,620
Ovington Court	17	18	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Garston, England	Wheat, lum.	7,930
Awobasan Maru [2]	18	19	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	Silk, gen.	6,861
Comet [1]	18	19	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	13,205
Reaveley	18	19	Brit.	Andrew Weir & Co.	Iloilo, P. I.	Hampton Rds. [14]	Sugar	6,500
Wellfield [1 2]	19	19	Brit.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	8,455
Susan V. Luckenbach.	19	20	Amer.	Luckenbach Line	Westport, Oreg.	Boston, Mass.	Lumber, gen.	6,863
Stirlingville [2]	19	20	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Norfolk, Va.	Nitrates	9,140
Winslow [5]	19	20	Amer.	U. S. Army	P. Miguel, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Imperial Valley	19	20	Brit.	States Marine Corp.	Los Angeles, Cal.	Bremen, Germany	Cotton	4,700
Flowergate	19	20	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Nitrates	7,150
Marore	20	20	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,400
Pennsylvania	19	20	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,713
Soyo Maru [2]	19	20	Jap.	Mitsui Bussan Kaisha	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	7,507
Baru [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	109
Chateau Thierry [8]	18	21	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	87
Arna [2]	20	20	Nor.	J. J. Moore & Co.	Manila, P. I.	New Orleans, La.	Sugar	7,500
Galaxias	20	20	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrates	7,479
Seattle [2]	20	21	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,260

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [12] Cruiser. [13] Barge.
[14] For orders. [15] Sugar, pineapples. [16] Sugar, canned pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Igotz Mendi	20	20	Span.	Anglo-Can. S. S. Co.	Chemainus, B. C.	London, England	(14)	6,294
Sona [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Wisconsin	20	21	Fr.	French Line	Talcahuano, Chile	Le Havre, France	General	8,503
Istmo	20	22	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	645
Cacique	20	21	Amer.	Grace Line	Callao, Peru	New York, N. Y.	(15)	3,709
Besholt [2]	20	21	Nor.	Isbrandtsen Moller Co.	Manila, P. I.	New York, N. Y.	General	5,221
Aakre [2]	21	21	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrates	7,640
Kamikawa Maru [2]	21	21	Jap.	Kawasaki K. Kaisha	Tsingtau, China	Baltimore, Md.	General	6,666
Leise Maersk [2]	21	21	Dan.	A. P. Moller	Eten, Peru	Antwerp, Belgium	Sugar	4,051
Santa Maria [2]	21	21	Amer.	Grace Line	Valparaiso, Chile	New York, N. Y.	General	5,435
Dakotan	21	21	Amer.	Amer.-Hawaiian Line	Astoria, Oreg.	Boston, Mass.	General	6,105
Loreto [2]	21	22	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Hull, England	General	8,437
Tokai Maru [2]	22	22	Jap.	Osaka Shosen Kaisha	Hongkong, China	Baltimore, Md.	General	5,900
Erviken	22	22	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nitrates	10,500
Missourian [2]	22	22	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	Gen., lumber	10,332
Pacific [2]	22	23	Swed.	Johnson Line	Seattle, Wash.	Stockholm, Swed.	Wheat, gen.	4,635
Pericles [2] [2]	22	23	Nor.	Kawasaki K. Kaisha	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	12,306
Trois Ilets	22	24	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	159
Venice Maru	22	23	Jap.	Kawasaki K. Kaisha	Moji, Japan	Galveston, Tex.	General	5,457
Deroche [1]	21	24	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	(16)	7,015
Tacoma	22	23	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar, canac.	7,589
Winona	22	23	Amer.	Weyerhaeuser S.S. Co.	Portland, Oreg.	Phildelphia, Pa.	Wheat, lum.	9,324
Rhakotis [2]	23	23	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,685
Steelore	23	23	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Trafalgar	23	23	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Belfast, Ireland	Wheat, lum.	6,800
Teal [4]	23	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pereira	23	26	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	973
Eleonora Maersk [1]	[2]23	23	Dan.	Shell Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	(17)	15,405
Silverwillow [2]	23	24	Brit.	Kerr S. S. Co.	Belawan, Sumatra	Beira, Africa	General	7,754
Chincha	23	24	Amer.	Grace Line	Valparaiso, Chile	New York, N. Y.	(18)	4,790
Ino [2]	23	25	Neth.	Royal Neth. S. S. Co.	Guayaquil, Euca.	Cristobal, C. Z.	Coffee, gen.	453
Surrey	23	25	Brit.	J. B. Westray & Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,011
Point Lobos	24	24	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	General	6,371
Durazzo	24	26	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,009
Luxor [1] [2]	24	25	Brit.	Antor Trading Corp.	S. Francisco, Cal.	Hamburg, Ger.	Gasoline	9,349
Nuevo Panama [2]	24	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	204
Vermar	24	25	Amer.	Calmar S. S. Corp.	Astoria, Oreg.	New York, N. Y.	Lumber	7,425
Luna [2]	24	24	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	(19)	9
Fresno City	25	25	Brit.	Spreckles & Co.	Hinigaran, P. I.	New Orleans, La.	Sugar	8,500
Miralda [1] [2]	25	25	Neth.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gasoline	12,035
Hoegh Carrier [2]	25	25	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	8,425
American Reefer	25	26	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	Fruit, gen.	795
Trondanger [2]	25	26	Nor.	Interocean S. S. Co.	N. West'er, B. C.	Rotterdam, Neth.	General	8,843
Losmar	25	26	Amer.	Calmar Line	Portland, Oreg.	Philadelphia, Pa.	Lumber	7,883
Rangitata [2]	25	26	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,353
Evi	25	26	Greek	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	7,400
San Vincente	25	26	Amer.	Quaker Line	S. Francisco, Cal.	Philadelphia, Pa.	Lumber, gen.	7,804
Bethore	26	26	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Ore	21,200
Babbitt, No. 128 [9]	26	27	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
William Luckenbach.	26	26	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,448
Barneveld	26	27	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,868
Seminole [1] [2]	26	26	Brit.	Standard Oil of N. J.	El Segundo, Calif.	Avonmouth, Eng.	Gasoline	14,409
Leo Dawson	26	26	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrates	6,945
Santa Paula	26	27	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,167
Amerika [2]	26	27	Dan.	East Asiatic Co.	Vancouver, B. C.	Goth'burg, Swed.	General	9,428
Tai Shan [2]	26	27	Pan.	Wilh. Wilhelmsen	Davao, P. I.	Boston, Mass.	General	6,451
Frank [2]	27	28	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Real [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Pirre [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Sona [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Badjestan	26	27	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber	6,493
Magnolia [1]	26	27	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	14,198
Istmo	27	28	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	401
Fortuna [2]	27	28	Pan.	A. Farari	Bayano, R. P.	Cristobal, C. Z.	(20)	51
Acajutla	27	2	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	342
Grelhead	27	27	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Alexandria, Egypt	Nitrates	7,150
Corrientes	27	27	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scot.	General	6,184
Drechtdijk [2]	27	28	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	10,271
Pacific Exporter [2]	27	28	Brit.	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scot.	General	8,893
Trontolite [1] [2]	27	28	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Gasoline	7,535
Georgian	27	28	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	New York, N. Y.	General	7,950
Santa Lucia	27	29	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,825
Arizona	28	29	Fr.	French Line	Valparaiso, Chile	Le Havre, France	General	8,205
Galeb	28	28	J-Slav.	Anglo-Can. S. S. Co.	Crafton, B. C.	Garstow, Eng.	Lumber	6,253
Leticia [2]	28	28	Pan.	A. Tagaropulos	Panama, R. P.	Colon, R. P.	Ballast	.....
Tercero [2]	28	28	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Lake Charles, La.	Nitrates	7,735

[1] Tanker. [2] Motor ship. [4] Tug. [9] Destroyer. [13] For orders. [14] Lumber, spelter. [15] Zinc concentrates. [16] Solvent, gasoline. [17] Kerosene distillate, gas oil. [18] Copper, ore, skins. [19] Lumber, plantains. [20] Bananas, iron rails.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sawokla [2]	28	29	Amer.	Roosevelt S. S. Co.	Australia	New York, N. Y.	General	7,911
Chilore	29	29	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Filleigh	28	29	Brit.	Anglo-Can. S. S. Co.	Alberni, B. C.	Hull, England	Grain, lum.	8,600
San Mateo	28	30	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	7,344
Andrea F. Luckenbach.	28	29	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	11,611
Athelcrown [1] [2]	28	29	Brit.	United Molasses Co.	Honolulu, T. H.	Birkenh'd, Eng.	Molasses	17,575
Hamakua	29	1	Amer.	Matson S. S. Co.	Honolulu, T. H.	Baltimore, Md.	([15])	7,657
Risanger	29	29	Nor.	Chile. Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	8,300
Hakubasan Maru [2]	29	30	Jap.	Osaka Shosen Kaisha.	Kobe, Japan	Buenos Aires, Arg.	General	1,917
Gen. Wm. M. Graham. [11]	29	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Carica Milica	30	30	Y-Slav	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [14]	Nitrates	9,350
President Cleveland.	30	30	Amer.	Dollar Line	Manila, P. I.	Boston, Mass.	General	5,941
Clio [2]	30	1	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	([16])	157
Karmoy	30	30	Nor.	N. Atl. & Gulf Line	Guayamas, Mex.	Rotterdam, Neth.	Rice	3,500
Gogovale	30	30	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrates	7,419
Tenyo Maru [2]	30	30	Jap.	Mitsui Bussan Kaisha	Iloilo, P. I.	Philadelphia, Pa.	General	8,071
Elisabeth Bakke [2]	30	30	Nor.	Scand. S. Pac. Line	Corral, Chile	Oslo, Norway	General	7,761
Acacia [13]	30	2	Amer.	U. S. Navy	Cape Mala, R. P.	Cristobal, C. Z.	.....	.....
Barmbek	30	1	Ger.	North German Lloyd.	Pt. Angel, Mex.	Hamburg, Ger.	Coffee, gen.	2,935
Everleigh	30	1	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Wheat, lum.	9,190
Paul Luckenbach.	1	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,345
Oakmar	1	1	Amer.	Calmar S. S. Corp.	Tacoma, Wash.	New York, N. Y.	Copper, lum.	6,925
Kinai Maru [2]	1	2	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	New York, N. Y.	General	7,141
Tuira [2]	1	2	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	57
Luna [2]	1	1	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([17])	5
Frank [2]	1	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	42
Winslow [4]	1	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Hanover	2	2	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	([18])	8,439
Ludington [8]	4-29	4	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Army stores.	972
Cali	5-2	4	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,132
Benwyvis	2	3	Brit.	Wm. Thomson & Co.	Pt. Chalmers, N.Z.	London, England	([19])	4,300
Trois Ilets	2	9	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	283
Absaroka	3	3	Amer.	McCormick S. S. Co.	Pt. Town'd, Wash.	Norfolk, Va.	Lumber	8,320
Panaman	3	3	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,438
Ohioan	3	3	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	8,606
Orbita	3	3	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	General	6,318
Maine	3	3	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Philadelphia, Pa.	Sugar	8,711
Anna Maersk [2]	3	4	Dan.	A. P. Moller	Manila, P. I.	Savannah, Ga.	General	6,187
Constance Chandler.	3	4	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	General	7,312
Istmo	3	9	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, drugs	383
Ulysses	4	4	Neth.	Royal Neth. S. S. Co.	Salaverry, Peru	Liverpool, Eng.	Sugar, gen.	4,122
Californian	3	4	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,702
Christian Holm [1] [2]	3	4	Dan.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	13,362
Annie Johnson [2]	4	4	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	General	5,766
Lancaster	4	4	Amer.	Weyerhaeuser S. S. Co	Seattle, Wash.	Boston, Mass.	Lum., pulp.	9,028
Virginia	3	4	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,824
Baru [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	108
Mayan	4	...	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	824
Nordnes [2]	4	4	Nor.	Canadian-Gulf Line	Powell Riv., B. C.	Houston, Tex.	([20])	6,612
Santa Inez [2]	4	4	Amer.	Grace Line	Antof'gasta, Chile	New York, N. Y.	General	3,896
El Aleto [1] [2]	4	4	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Ellesm're Pt., Eng.	Crude oil	10,563
San Marcos	4	4	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,722
Brilliant [1] [2]	4	4	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	13,171
Chiriqui [2]	4	8	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Real [2]	4	5	Pan.	Mendizabal y Mudarra	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Shinko Maru [2]	4	5	Jap.	Kawasaki K. Kaisha.	Dairen, China	Baltimore, Md.	General	5,792
Nyhorn [2]	4	5	Nor.	Knutsen Line	N. West'er, B. C.	Belfast, Ireland.	Lumber, gen.	7,190
Lihue	4	5	Amer.	Matson Nav. Co.	Kahului, T. H.	New York, N. Y.	([21])	7,385
S. M. Spalding [1]	5	5	Amer.	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	([22])	9,504
Pennsylvania	5	5	Amer.	Weyerhaeuser S. S. Co.	Everett, Wash.	Newark, N. J.	Lumber, gen.	9,374
Winslow [3]	5	6	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Breda	5	6	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,026
Florence Luckenbach.	5	6	Amer.	Luckenbach-Gulf Co.	Seattle, Wash.	Mobile, Ala.	Gen., grain.	6,910
D. G. Scofield [1]	5	6	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Pet. asphalt.	10,310
Mauna Kea	5	6	Amer.	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md.	([21])	7,314
American Oriole	5	6	Amer.	Puget S'd Asso. Mills	Olympia, Wash.	New York, N. Y.	Lumber	7,600
Alabaman	6	6	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	9,881
Nyhaug [2]	6	6	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrates	6,440
Damsterdijk [2]	6	7	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	10,518
Sildra [1] [2]	6	7	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, Canada.	Crude oil	10,744
Connector	4-29	7	Brit.	Canadian Govt.	Balboa, C. Z.	Kingston, Jam.	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [11] Mine planter. [13] Light tender. [14] For orders. [15] Sugar, pineapples. [16] Coffee, hides, rubber. [17] Lumber, plantains. [18] Sugar, copra, lumber. [19] Wool, grain, flour. [20] Newsprint, shingles. [21] Sugar, canned pineapples. [22] Naphtha, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
San Blas	7	7	Pan.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	971
Walter A. Luckenbach.	6	7	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,457
Katsuragi Maru [2]	7	7	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	8,047
Tonsbergfjord [2]	7	7	Nor.	Wessel, Duval & Co.	Antof'gasta, Chile	Wilmington, N.C.	Nitrates	5,560
Manizales	7	9	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,029
Erlangen	7	8	Ger.	North German Lloyd.	Brisbane, Aust'lia	New York, N. Y.	General	7,893
Ino [2]	7	8	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	572
City of Glasgow	7	9	Brit.	Manz Line	Auckland, N. Z.	Montreal, Canada	General	6,421
Nuevo Panama [2]	7	9	Pan.	Elliot Ship. & Land Co.	El Real, R. P.	Cristobal, C. Z.	Bananas	10
Pacific	7	8	Amer.	Weyerhaeuser S. S. Co.	Everett, Wash.	Boston, Mass.	Lum., pulp.	8,160
Ward [2]	7	8	Amer.	Roosevelt S. S. Co.	Shanghai, China	New York, N. Y.	Sugar, gen.	7,516
Wyoming	8	9	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	Lumber, gen.	8,376
Samnanger	8	8	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrates	7,130
Orazio [2]	8	9	Ital.	Italian Line [2]	Valparaiso, Chile.	Genova, Italy	General	2,446
Trave [2]	7	8	Ger.	North German Lloyd.	Corral, Chile	Bremen, Ger.	General	10,927
Vidovdan	8	8	Y-Slav	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Nitrates	8,070
Ionia	8	9	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	1,726
Tilthorn	8	8	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Europe	Nitrates	10,050
Luna [2]	8	8	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([14])	6
Yearby	9	9	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Wheat, lum.	9,260
Torvanger	9	9	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrates	10,500
Empress of Britain.	8	9	Brit.	Can.-Pac. Steamships.	New York, N.Y. [15]	New York, N. Y.	Passengers	.....
Dryden	9	9	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	Sugar, hemp.	8,870
Flomar	9	9	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber	7,595
Cape York	9	9	Brit.	Anglo-Can. S. S. Co.	Englewood, B. C.	Avonmouth, Eng.	Lum., wheat.	8,090
Virginian	9	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,609
Edgar F. Luckenbach.	10	10	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	8,428
Oregonian	10	10	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,141
Weser [2]	9	10	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	8,121
Mobile City	10	10	Amer.	Isthmian S. S. Lines.	Iloilo, P. I.	Baltimore, Md.	Sugar, gen.	8,300
San Rafael	10	10	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,936
Santa Elena	10	11	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,352

[2] Motor ship. [13] For orders. [14] Lumber, plantains. [15] Around the world.

Comparison of Traffic at the Suez and Panama Canals for the First Nine Months of the Fiscal Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the first nine months of the fiscal years 1936 and 1937:

Month	Suez Canal Number of transits 1936	Suez Canal Number of transits 1937	Suez Canal Percent Increase	Suez Canal Percent Decrease	Panama Canal Number of transits 1936	Panama Canal Number of transits 1937	Panama Canal Percent Increase	Panama Canal Percent Decrease
July	487	466	.....	4.3	377	456	21.0	.....
August	503	471	.....	6.4	395	473	19.7	.....
September	531	479	.....	9.6	391	466	19.2	.....
October	604	490	.....	18.6	441	482	9.3	.....
November	548	511	.....	6.8	418	368	.....	11.9
December	493	508	3.0	.....	459	341	.....	25.7
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
Total	4,718	4,604	.....	2.4	3,931	3,898	.....	0.8

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of February 26, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.17
Brass, sheet, average	Lb.	.26
Bronze, Tobin, average	Lb.	.18
Gasoline, motor grade	Gal.	.115
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.26
Oil, burning, Colza	Gal.	1.13
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.29
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.37
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.10
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward.	Visiting Hours.
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.30 a. m.; 2.00 to 4.00 p. m.
Ward 3	
Ward 4, Private rooms	Private rooms: Same as Section "B."
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9.30 to 11.00 a. m.; 2.00 to 4.30 p. m.; 6.30 to 8.00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White females, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U.	
Ward 14, White, male, G. U.	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1.30 to 3.00 p. m.
Ward 18, White children	Daily, 9. 30 to 11.00 a. m.; 2.00 to 4.30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1.30 to 3.00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repair of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The commissary stores sell foodstuffs, fresh meats, fruits, and vegetables, as well as clothing and a general line of goods for supplying about 30,000 people resident on the Isthmus. Ice plants, a large laundry, hotels, and hospitals serve the passengers and crews of ships.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large covered piers for the storage of cargo. These are modern structures, fireproof, ratproof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:25 a. m.; 11 a. m.; 4:55 p. m.; 10 p. m.

From Panama: Daily, 7:10 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

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Traffic Through the Panama Canal in May 1937

The total vessels of all kinds transiting the Panama Canal during the month of May 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	May 1935	May 1936	May 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial vessels	424	488	315	229	544
Small commercial vessels [1]	59	64	41	29	70
Noncommercial vessels:					
United States Government	30	81	21	23	44
Colombian Government	.....	.....	2	2	4
For repairs	.....	4	1	1	2
Total	513	637	380	284	664

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended May 31, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
June	405	481	2,134,237	2,449,127	2,080,717	2,459,752	$1,798,449.39	$2,073,359.39
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	1,683,649.94	1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
Total	5,306	5,396	27,709,527	27,490,731	26,126,908	27,897,661	23,204,204.21	23,105,158.62

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for May 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	144	830,333	764,962	Latvian	1	2,770	.....
Chilean	2	7,705	8,905	Netherland	21	71,106	78,802
Chinese	3	14,279	17,683	Norwegian	55	262,083	337,324
Danish	13	69,637	72,161	Panamanian	24	60,079	39,909
Estonian	1	2,337	4,750	Spanish	2	8,851	6,683
French	11	61,186	51,589	Swedish	10	47,674	80,982
German	36	147,106	152,333	United States	181	1,022,681	1,077,257
Greek	4	20,113	34,492	Yugo Slav	1	4,410	8,070
Honduran	1	1,570	.....				
Italian	4	28,484	15,146	Total	544	2,839,127	2,950,925
Japanese	30	176,723	199,877				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, May 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	68	382,766	299,834	58	344,492	455,752
East coast United States and:						
Canada	6	27,055	4,000	2	9,049	15,234
Central America	5	10,152	.....	4	8,582	4,493
South America	19	90,302	18,481	22	92,904	188,534
Hawaiian Islands	3	15,213	17,107	12	63,249	98,517
Australasia	7	39,749	45,553	2	9,802	15,747
Philippine Islands	11	68,070	71,018	15	92,070	109,994
Far East	77	388,222	586,988	6	34,054	37,691
Canadian intercoastal	.....	.....	.....	1	4,377	6,482
East coast Canada and:						
United States	1	5,426	.....	.....	.....	.....
South America	2	12,172	.....	4	22,149	46,275
Australasia	2	8,769	7,494	4	21,418	22,544
Far East	1	6,834	7,877	.....	.....	.....
South American intercoastal	4	12,148	24,192	.....	.....	.....
East coast South America and:						
United States	.....	.....	.....	2	10,159	7,320
Far East	2	13,445	8,256	.....	.....	.....
Cristobal and:						
Central America	5	4,437	4,383	4	3,727	3,617
South America	12	6,966	3,525	13	7,911	9,543
West Indies and:						
United States	1	8,287	.....	4	25,396	49,408
Canada	1	3,235	6,515	.....	.....	.....
Central America	1	4,863	10,071	.....	.....	.....
South America	1	5,805	12,074	1	5,012	9,504
Balboa	1	5,570	11,218	.....	.....	.....
Far East	1	3,033	5,105	.....	.....	.....
Europe and:						
United States	11	65,713	7,490	3	20,331	28,477
Canada	32	172,020	72,848	29	169,181	239,182
Central America	2	3,692	5,644	3	7,701	6,960
South America	23	122,519	49,179	23	130,880	182,283
Australasia	8	62,136	32,793	11	76,029	69,379
Far East	1	17,419	.....	.....	.....	.....
Africa and:						
Canada	.....	.....	.....	2	9,227	12,000
Far East	1	4,398	.....	.....	.....	.....
Around the world	3	27,139	14,029	4	63,901	6,315
Foreign vessels in ballast (United States intercoastal)	2	8,241	.....	.....	.....	.....
Vessels not engaged in commerce	[1] 1	1,730	.....	.....	.....	.....
Total	315	1,607,526	1,325,674	229	1,231,601	1,625,251

[1] Dredge.

Origin and Destination of Cargo by Major Areas, May 1937

The following table summarizes the origin of cargo passing through the Canal in May 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	307,813	20,989	662,073	17,168	35,864	1,043,907
Other North America	3,947	33,287	10,843	20,864	17,231	86,172
Europe	58,739	21,625	.....	45,293	32,099	157,756
Miscellaneous	5,516	218	7,702	23,782	621	37,839
Total	376,015	76,119	680,618	107,107	85,815	1,325,674

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	452,292	60,448	107,558	7,800	628,098
Canada	15,234	9,460	153,548	13,404	191,646
Other North America	103,209	3,812	8,304	.....	115,325
South America	185,966	69,452	180,698	23	436,139
Australasia	28,945	12,693	66,032	.....	107,670
Asia	142,327	3,998	.....	48	146,373
Total	927,973	159,863	516,140	21,275	1,625,251

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during May 1937 or May 1936 are listed below:

Commodity	May 1936	May 1937	Commodity	May 1936	May 1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Asphalt and tar	4,184	11,075	Borax	13,207	18,408
Automobiles and parts	29,549	22,729	Canned goods, various	68,390	94,428
Canned goods, various	8,421	11,241	Coffee	16,126	18,442
Cement	18,652	18,332	Cold storage (food products) [6]	16,134	23,165
Chemicals [5]	9,164	12,093	Copra	1,921	20,786
Coal and coke	14,008	15,382	Cotton, raw	8,222	11,306
Cotton, raw	19,641	12,412	Flour	22,284	38,231
Iron and steel	155,875	208,474	Fruit, dried	10,831	15,746
Machinery	12,931	14,438	Fruit, fresh [7]	31,724	9,559
Manufactured goods [5]	5,318	23,038	Lumber	285,554	288,694
Metals	12,434	87,565	Metals, various	43,816	56,882
Oils, mineral	46,880	82,584	Nitrates	99,211	122,300
Ores	35,919	8,680	Oats	6,586	12,665
Paper	25,444	33,214	Oils, mineral	328,479	272,746
Phosphates	1,514	70,699	Oils, vegetable	25,982	16,031
Scrap metal	84,842	387,929	Ores	142,305	124,369
Sugar	13,096	9,958	Paper	22,272	16,406
Sulphur	15,853	52,706	Phosphates	27,738	7,606
Tinplate	26,137	37,111	Skins and hides	4,985	10,243
			Soy beans	69,835	108
Pacific to Atlantic			Sugar	149,615	162,069
Asphalt and tar	2,094	10,750	Wheat	141,694	79,797
Barley	18,487	2,369	Wood pulp	17,151	20,198
Beans, edible, dry	10,467	14,361	Wool	14,343	23,468

[5] Except as otherwise classified. [6] Except fresh fruit. [7] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of May 1937, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the destination of "general cargo:" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	11	.....	21	41
Agricultural implements	1,130	60	4,682	62
Alfalfa meal	.....	778	.....	928
Ammonium compounds	394	.....	3,316	.....

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Animal foods[8]	72	107	75	1,194
Apparel, wearing (hats, shoes, clothing, etc.)	117	.....	118	53
Asbestos	686	.....	2,894	.....
Asphalt and tar	282	10,414	11,075	10,750
Automobiles (and autotrucks)	3,033	167	16,245	180
Automobile parts and accessories	1,111	20	6,484	131
Bags and bagging, textile	213	.....	437	310
Bamboo and products	.....	.....	.....	523
Bananas	.....	.....	.....	6,058
Barks, miscellaneous	54	66	150	455
Barley	.....	168	25	2,369
Beans, edible, dry	56	3,456	96	14,361
Beer	489	.....	671	.....
Beverages, nonalcoholic	123	.....	128	.....
Blood and tankage	.....	.....	.....	45
Bones and bone meal	.....	.....	372	98
Books and printed matter	150	275	250	563
Borax	65	1,022	69	18,408
Bran and pollards	9	34	9	1,101
Bricks and tile	350	.....	1,955	.....
Camphor, crude	.....	.....	.....	179
Canned and preserved goods:				
Fish	575	13,125	997	19,297
Fruit	1,394	31,458	1,401	57,575
Meat	147	228	523	318
Milk	42	38	687	216
Soup	2,499	30	2,596	30
Vegetables	1,093	8,071	1,167	8,108
Miscellaneous and unclassified	2,696	8,300	3,870	8,884
Carbon black	54	13	997	13
Celite	.....	496	.....	496
Cement	590	30	18,322	40
Chalk	.....	.....	2,201	.....
Charcoal	33	.....	290	.....
Chemicals[8]	6,453	2,514	12,093	2,921
Clay, china and fire	809	507	5,109	664
Clay, filtering	.....	225	20	225
Coal	1,622	.....	9,138	.....
Cocoa and cacao beans	387	.....	1,477	3,574
Coconuts and products[8]	.....	333	16	511
Coffee	147	108	4,255	18,442
Coke	.....	.....	6,244	.....
Cold storage and refrigerated products:				
Dairy products	155	136	630	8,151
Eggs	.....	40	.....	468
Fish	26	11	46	861
Lard	192	46	238	169
Meats	79	108	359	11,550
Poultry	.....	429	.....	451
Vegetables	.....	.....	13	13
Other and unclassified	71	1,502	140	1,502
Confectionery	1,028	.....	1,107	.....
Copra	.....	363	.....	20,538
Copra meal and cake	.....	.....	.....	248
Corn	.....	55	12	55
Cotton, raw	185	1,112	12,412	11,306
Creosote	.....	.....	7,206	.....
Drugs and medicines	1,994	84	2,160	112
Dyes	.....	410	590	416
Earthenware	15	.....	289	349
Eggs, dried	.....	.....	.....	185
Electrical apparatus and appliances	1,501	210	2,080	241
Explosives	40	.....	167	3
Extract, quebracho	.....	.....	1,758	.....
Fertilizers[8]	30	376	443	486
Fish, salted or dry-cured	.....	.....	9	19
Fish meal	.....	.....	10	2,286
Floor coverings	2,222	1,001	2,301	1,702
Flour	123	30,470	1,350	38,231
Fruit, dried	35	5,879	35	15,746
Fruit, fresh[8]	63	1,882	138	9,559
Furniture and household goods	289	5	306	6
Gallnuts	.....	.....	.....	80
General	21,922	7,529	48,801	20,569
Glass and glassware	2,994	206	6,369	881
Glue	194	114	197	118
Grains[8]	.....	439	141	439
Groceries	1,038	213	1,217	535
Guano	.....	.....	.....	5,300
Gums	.....	20	10	445

[8] Except as otherwise classified

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Hair, al lkinds	53	60	65	170
Hay	.....	.....	38	20
Hemp, unmanufactured	152	331	225	4,685
Honey	98	86	121	209
Horns and hoofs	.....	.....	.....	1
Infusorial earth	.....	418	55	1,349
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	124,443	1,621	208,474	1,741
Ivory nuts	.....	.....	560	2,363
Jute, unmanufactured	.....	.....	270	320
Lard substitute	413	.....	413	.....
Lime	.....	.....	51	.....
Liquors	3,584	144	5,760	3,332
Lumber (including manufactured mill products)	2,643	153,787	4,493	288,694
Machinery	4,003	778	14,438	877
Malt	.....	.....	2,047	60
Manufactured goods [8]	9,182	679	23,038	3,575
Marble and granite	114	46	471	46
Matches	287	117	371	117
Metals:				
Antimony	41	91	41	316
Copper	351	1,499	6,179	33,079
Gold and silver	.....	.....	.....	24
Iron	2,277	474	71,477	721
Lead	.....	3,708	4,167	17,401
Tin	.....	43	4,313	644
Zinc	107	.....	1,121	4,348
Other and unclassified	218	312	267	349
Milk, powdered	14	208	142	315
Molasses and syrups	305	.....	320	1,040
Nitrates	4,213	.....	7,771	122,300
Nuts, edible (including meats)	.....	38	251	1,204
Oats	133	409	260	12,665
Oils, mineral:				
Crude	90	.....	440	89,402
Gas and fuel	.....	.....	56,268	5,158
Gasoline, benzine, and naphtha	29	62,421	625	135,906
Kerosene	.....	16,857	267	40,446
Lubricating and greases	8,326	1,129	24,824	1,834
Other and unclassified	.....	.....	160	.....
Oils, vegetable:				
Coconut	.....	.....	36	4,186
Cottonseed	39	.....	734	3,461
Linseed	108	.....	319	.....
Olive	40	1	403	1
Peanut oil	.....	.....	.....	1,001
Wood	.....	.....	.....	3,518
Other and unclassified	250	130	463	3,864
Oil, fish	35	.....	68	102
Oil, whale	.....	.....	30	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	30	2,887	2,677
Oilseed cake and meal	50	315	50	3,654
Ores:				
Antimony	.....	332	.....	618
Chrome	154	.....	154	6,500
Copper	.....	28	1,540	7,153
Gold and silver	.....	.....	3	124
Iron	74	.....	978	71,158
Lead	.....	.....	.....	5,880
Magnesite	.....	654	.....	654
Manganese	207	585	268	8,102
Tin	.....	39	.....	5,706
Zinc	.....	.....	88	8,214
Other and unclassified	45	.....	5,657	10,260
Paints and varnishes	1,961	168	3,708	218
Paper and paper products [8]	13,650	8,606	33,064	16,081
Paper scrap	.....	325	150	325
Peanuts	1,074	.....	1,074	.....
Peas, dry	.....	.....	.....	575
Peatmoss	.....	.....	451	.....
Phosphates	383	606	70,699	7,606
Plaster	.....	.....	197	39
Porcelainware	501	10	1,058	2,876
Potash	39	1,548	2,311	1,548
Pyrethrum flowers	.....	.....	.....	65
Rags and waste	300	386	2,151	1,499
Railroad material	.....	.....	706	.....
Rice	412	643	1,521	3,527
Rope and twine	423	25	901	25
Rosin	1,243	.....	5,419	.....

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber:				
Manufactured	924	57	1,111	1,453
Raw	468	677	630	6,363
Scrap	35	51	460	676
Salt	291	769	1,959	769
Sand	1,400	.....	4,957	1,350
Scrap metal	463	619	387,929	1,923
Seeds (except oilseeds)	.....	529	272	727
Shells, oyster	1,708	.....	1,708	141
Silk, raw	.....	266	4	1,698
Skins and hides	.....	2,845	1,133	10,243
Slag	.....	.....	2,135	.....
Slate	1,207	.....	1,207	.....
Soaps and products	1,262	230	1,400	524
Soda and sodium compounds:				
Soda ash	1,868	.....	2,168	949
Soda, caustic	124	.....	1,816	.....
Miscellaneous and unclassified	566	23	989	150
Soya beans	83	.....	83	108
Sugar	74	10,374	9,958	162,069
Sulphur	34,316	.....	52,706	2,625
Talc	55	54	85	200
Tallow	20	389	21	1,991
Tea	95	14	228	913
Textiles [9]	4,763	13	8,805	6,135
Tinplate	12,150	28	37,111	28
Tobacco and manufactures	453	8	4,461	224
Toilet preparations	651	.....	756	59
Turpentine	222	.....	493	.....
Vegetables, dry [8]	.....	7,600	50	8,050
Wall board	124	185	597	1,159
Wax, paraffin	639	70	2,174	227
Wheat	.....	12,395	.....	79,797
Wines	290	1,244	830	2,963
Wood pulp	209	13,912	8,820	20,198
Wool	207	5,570	746	23,468
Total, May 1937	307,813	452,292	1,325,674	1,625,251
Total, May 1936	254,554	432,914	716,525	1,703,127
Total, May 1935	215,055	473,790	687,532	1,744,746

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of May 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	9	52,441	.....	8	47,270	[10] 89,574
East coast United States and South America	1	7,796	.....	.....	.....	.....
East coast Canada and South America	2	12,172	.....	4	22,149	46,275
South American intercoastal	2	10,394	22,118	.....	.....	.....
East coast South America and United States	.....	.....	.....	1	5,133	.....
West Indies and:						
United States	1	8,287	.....	4	25,396	49,408
Central America	1	4,863	10,071	.....	.....	.....
South America	1	5,805	12,074	1	5,012	9,504
Balboa	1	5,570	11,218	.....	.....	.....
Europe and:						
United States	3	15,485	[11] 7,156	2	13,238	26,794
South America	5	26,459	.....	5	29,354	59,584
Total	26	149,272	62,637	25	147,552	281,139

[10] 10,310 tons petrolastic asphalt. [11] Creosote.

Comparison of Canal Traffic in May 1937, with May Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of May			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[12] 137	475	584	1915	[13] 100	361	466
1916	123	385	480	1916	60	199	258
1917	140	468	596	1917	145	483	588
1918	193	658	758	1918	165	547	627
1919	166	566	642	1919	162	510	576
1920	219	852	975	1920	199	712	781
1921	206	864	793	1921	232	950	966
1922	236	1,032	1,158	1922	222	951	907
1923	415	2,128	2,265	1923	325	1,550	1,631
1924	410	2,085	2,354	1924	429	2,179	2,249
1925	366	1,847	1,823	1925	382	1,904	1,996
1926	456	2,242	2,416	1926	424	2,064	2,169
1927	447	2,247	2,378	1927	441	2,184	2,311
1928	498	2,273	2,496	1928	521	2,453	2,468
1929	515	2,496	2,536	1929	524	2,485	2,554
1930	470	2,418	2,261	1930	502	2,497	2,502
1931	411	2,183	1,924	1931	447	2,314	2,089
1932	345	1,956	1,676	1932	364	1,968	1,650
1933	342	1,882	1,628	1933	347	1,900	1,513
1934	459	2,566	2,302	1934	436	2,379	2,059
1935	424	2,366	2,292	1935	432	2,317	2,109
1936	488	2,504	2,420	1936	449	2,335	2,209
1937	544	2,839	2,951	([14])	447	2,277	2,313

[12] Canal opened August 15, 1914. [13] Average for 10½ months. [14] Average for 11 months of fiscal year 1937.

Terminal Activities

Ships repaired during the month of May 1937 numbered 64, of which 16 were dry-docked. Fuel oil in the quantity of 254,039 barrels was delivered as bunkers to 143 commercial ships. Bunker coal amounting to 10,817 tons was delivered to 41 commercial ships. Sales of commissary supplies to ships aggregated $51,397.91.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	21,697	13,156	34,853
Local cargo shipped ... tons	3,733	2,073	5,806
Cargo received for transshipment ... tons	47,221	1,107	48,328
Cargo transshipped ... tons	51,211	689	51,900
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	2	8
Number of releases issued	27	10	37
Tons received	53	3	56
Tons withdrawn	23	6	29

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	621	3,796,616	2,274,056	593	3,517,222	2,095,244
Vessels entering port but not transiting Canal	56	325,249	183,459	13	65,081	36,208
Vessels transiting Canal and handling passengers and cargo at terminal ports	147	927,506	540,552	104	781,247	440,625
Ships clearing						
All vessels, including those transiting Canal	623	3,762,551	2,252,775	594	3,516,130	2,095,680
Vessels clearing port but not transiting Canal	59	349,984	200,336	14	65,198	36,240
Vessels transiting Canal and handling passengers and cargo at terminal ports	147	909,368	529,117	106	786,579	445,285

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, May 10, 1937, to midnight, June 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Balboa, 209, 0
Nurnberg, 189, 0
Cefalu, 162, 707
Indra, 680, 219
Salvador, 832, 797
Santa Clara, 440, 14
Santa Lucia, 310, 228
Elbe, 267, 82
Venezuela, 396, 2¼
Ancon, 3,645, 960
Noto Maru, 396, 0
Smaragd, 346, 204
Colombia, 46, 188
Quirigua, 80, 6
Santa Paula, 174, 303
Tivives, 677, 191
Gregalia, 0, 1,696
Clio, 486, 81
Dalfonn, 15,125, 0
Pastores, 131, 1,184
Portland, 286, 243
Istmo, 720, 104
Laurits Swenson, 3, 740
Venezuela, 8 pkgs., 1,075
Phrygia, 7,360½
Cacique, 141, 361
Calamares, 406, 413
Margaret Lykes, 298, 483
Durazzo, 1,268, 322
Amasis, 151, 359
Trois Ilets, 259, 70
Caribia, 142, 6 pkgs.
Indien, 66½, 0
Abraham Lincoln, 234, 200 lbs.
Quirigua, 69, 9¼
Canada, 4, 0
Losada, 162, 0
Sessa, 210, 128
Arica, 117, 96
Camden, 1,021, 0
San Lucas, 254, 35
Reina del Pacifico, 185, 202
Axel Johnson, 28, 234
Skagerak, 1,045, 0
Virgilio, 105½, 10
Contessa, 540, 761
Alabama, 440, 0
Pereira, 1,204, 1,230
Santa Rita, 179, 133
Potter, 442, 0
Frank, 26, 37
Kwansai Maru, 499, 168
Orduna, 58, 355
Santa Inez, 410, 270
Guayaquil, 1,895, 1,103
San Diego, 5, 89
Anhalt, 0, 341
Cellina, 539, 410
Peten, 134, 6
Kano Maru, 309, 0
Santa Marta, 1,111, 119
San Antonio, 39, 346
Costa Rica, 37, 66
Colombia, 119, 1,375
Tacoma, 61, 56
Nuevo Panama, 15, 110
Istmo, 732, 84
Ino, 560, 22
Manizales, 19, 165
Cali, 1,255, 475
Ulua, 638, 576
Ruth Lykes, 260, 290
Magician, 347, 34
Helder, 343, 810
Trois Ilets, 172, 0
Caribia, 13½, 620
Roda, 224, 345
Peten, 11, 98
Santa Rosa, 674, 29
Bonnington Court, 2 pkgs., 230
Mecklenburg, 9, 63
Canadian Cruiser, 69, 264
Cefalu, 234, 861
Bretagne, 0, 180
Acajutla, 886, 967
Santa Barbara, 516, 5
Santa Clara, 360, 34
Tasmania, 491, 40
San Jose, 74, 0
Cristobal, 3,369, 1,067
President Cleveland, 0, 2
Port Denison, 164, 0
Veragua, 1,356, 12
Santa Elena, 82, 569
Margaret Johnson, 159 27
Metapan, 544, 200
San Simeon, 677, 3½
President Taft, 82, 0
Osnabruck, 78, 99
Clio, 295, 215
Ceres, 0, 304
Istmo, 707, 322
Chilore, 9,897, 0
Cliona, 12,684, 0
Cerigo, 992, 1,142
Haiti, 123, 1,501
Curaca, 431, 307
Toloa, 1,004, 194
Commissaire Ramel, 0, 73
Costa Rica, ¼, 1,200
Tai Ping Yang, 1,171, 0
Star, 57, 0
Flandre, 50, 263
Dusseldorf, 31, 311
Kreta, 178, 329
Tsuyama Maru, 316, 0
Veragua, 27, 15
Lochgoil, 160, 0
Delftdijk, 455, 197
Montreal Maru, 371, 7
Kurama Maru, 444, 0
Contessa, 221, 698
Hameln, 73, 48
Santa Maria, 361, 28
West Nilus, 17, 142
Mayan, 1,570, 816
Nankai Maru, 954, 37
Allister, 549, 50
Buenaventura, 2,199, 601
Trois Ilets, 252, 24
Vancouver, 116, 107
Santa Rita, 1, 0
San Vincente, 206, 8
Quirigua, 118, 19
Europa, 0, 21
Durazzo, 803, 0
Sixaola, 864, 137
Cali, 58, 554
Istmo, 540, 367
Ino, 518, 0
Calamares, 624, 1,074
Gertrude Maersk, 616, 138
Pastores, 258, 1,192
Nueva Panama, 71, 385
Noshiro Maru, 438, 0
Simon Bolivar, 75, 84
Schwaben, 229, 135
Palatia, 4, 570
Bodegraven, 301, 589
Quirigua, 46, 13
Santa Paula, 523, 19
Lautaro, 17, 261
Pasajero, 0, 9¾
Aachen, 274, 268
Cefalu, 351, 971
Cissy, 645, 0
Santa Barbara, 238, 151
Santa Lucia, 376, 48
Salvador, 1,044, 541
Ancon, 3,843, 1,531
Smaragd, 1, 1,086½
Real, 30, 64

BALBOA

Cerigo, 0, 3
Balboa, 1,196, 0
Mayan, 1, 7
Chateau Thierry, 1156, 719
Santa Lucia, 445, 9
Falkefjell, 11,218, 0
Solna, 7,176, 0
Mataroa, 36, 0
Norway Maru, 270, 0
Santa Paula, 27, 0
Cacique, 12, 230
Chiriqui, 268, 30
Canada, 1, 0
Cellina, 1,785, 0
Abraham Lincoln, 539, 0
Fisherman II, 170, 0
Santa Rita, 0, 44
Reliance, 0, 63
Salvador, 0, 94
Potter, 140, 0
Argon, 9,958, 0
Henderson, 65, 41
Emergency Aid, 1,686, 0
Santa Inez, 206, 32
Virginia, 0, 180
Iocoma, 430, 0
Talamanca, 193, 15
Pereira, 0, 60
Santa Rosa, 131, 0
Tasmania, 288, 0
Roda, 119, 7
Republic, 134, 181
Santa Barbara, 0, 10
Santa Clara, 303, 24
Santa Elena, 4, 0
Tai Ping Yang, 258, 0
Antigua, 482, 36
Pennsylvania, 0, 11
Santa Maria, 10, 11
California, 0, 188
Chateau Thierry, 139, 1
Martin Bakke, 1,735, 0
Chiriqui, 446, 16
President Adams, 3, 0
Marchen Maersk, 0, 11
Santa Paula, 108, 0
Hermonthis, 644, 30
Santa Lucia, 70, 18
Mayan, 0, 43
Ludington, 647, 0
Santa Barbara, 101, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,100; embarking 2,918; at Balboa 1,284 disembarking and 1,521 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,829, from the Pacific to the Atlantic, 6,517. Aircraft numbering 53 entered Cristobal, and 245 passengers disembarked; clearances were 54, with 225 passengers embarking. At Balboa entries of aircraft numbered 50, with 103 passengers disembarking; clearances 50, with 71 passengers embarking.

High Records Established in May 1937

Although transits and tolls during May 1937 were only sixth highest in Canal history, the Atlantic to Pacific traffic reached an all-time high of 315 ocean-going vessels, $1,306,943.85 in tolls, and 1,325,674 tons of cargo. Of the cargo from Atlantic to Pacific, high records were established by scrap metal, 387,929 tons; iron metal, 71,477 tons; phosphates, 70,699 tons; sulphur, 52,706 tons.

Movements of Ocean Vessels Through the Panama Canal

From midnight May 10, 1937, to midnight June 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Peter Kerr	10	11	Amer.	Quaker Line	Philadelphia, Pa.	Portland, Oreg.	General	3,500
Cerigo	8	11	Ger.	Hamburg-Amer. Line.	Pto. Colombia	Guayaquil, Ecua.	Gen., salt	1,028
Eidsvold	11	11	Nor.	Kawasaki K. Kaisha	Houston, Tex.	Kobe, Japan	General	7,522
Skipsea [2]	11	11	Brit.	Mitsubishi Shoji K.	Texas City, Tex.	Kobe, Japan	Scrap iron	8,655
Balboa [2]	11	12	Swed.	Johnson Line	Stockholm, Swed.	S. Francisco, Cal.	General	5,882
Deroche [1]	11	12	Amer.	Union Oil of Calif.	Paulsboro, N. J.	Los Angeles, Cal.	Ballast	.....
Mayan	4	12	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	907
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Indra [2]	11	12	Nor.	Knut Knutsen O.A.S.	Goth'burg, Swed.	Corral, Chile	General	3,802
Dornoch	11	12	Brit.	Mitsui & Co.	Liverpool, Eng.	S. Francisco, Cal.	Ballast	.....
Steelore	11	12	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Chateau Thierry [8]	10	...	Amer.	U. S. Army	New York, N. Y.	Blaboa, C. Z.	General	327
Asuka Maru [2]	11	12	Jap.	Nippon Yusen Kaisha	Galveston, Tex.	Kobe, Japan	Steel, iron	8,909
Gryfevale	12	12	Brit.	Chile Nit. Sales Corp.	Rotterdam, Neth.	Taltal, Chile	Ballast	.....
Nevadan	12	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	6,027
Firmore	12	12	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz G'rde, Chile	Ballast	.....
Ganges	12	13	Brit.	Isthmian S. S. Lines.	Savannah, Ga.	Yokohama, Japan	Steel	8,234
El Ciervo [2]	12	13	Brit.	C. T. Bowring & Co.	Swansea, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Tennessee [2]	12	13	Nor.	Barber Line	Mobile, Ala.	Yawata, Japan	Scrap iron	8,690
David Dawson	12	13	Brit.	Chile Nit. Sales Corp.	Emden, Germany	Chile	Ballast	.....
Sona [2]	11	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Elbe [2]	12	13	Ger.	North German Lloyd	Hamburg, Ger.	Vancouver, B. C.	General	6,966
Marionga J. Goulandris	12	13	Greek	Gulf States S. S. Co.	Houston, Tex.	Osaka, Japan	Scrap iron	8,654
Texmar	12	13	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,622
Admiral Nulton	12	13	Amer.	States S. S. Co.	Portland, Me.	Alameda, Cal.	Nit. of soda	4,092
Frida	12	13	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,524
Stonegate	12	13	Brit.	Turnbull, Scott & Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Hird [2]	13	13	Nor.	States Marine Corp.	Baltimore, Md.	Osaka, Japan	Pig iron	8,570
Riley [2]	13	13	Brit.	Anglo-Can. S. S. Co.	Amsterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Loong Hwa	13	13	Chin.	Daido K.Kabushiki K.	Cardiff, England	Seattle, Wash.	Ballast	.....
Caldas [9]	4	-20	Col.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Santa Lucia	5	-12	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	3,662
Bethore	13	13	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Stockwell	13	14	Brit.	Com'lth & Dom. Line	New York, N. Y.	Dunedin, N. Z.	General	3,203
Hallingdal [2]	13	14	Nor.	Boe & Pedersen	Habana, Cuba	Osaka, Japan	Scrap iron	5,105
Isthmian	13	14	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	4,873
Imperoyal [1]	13	...	Brit.	Tropical Oil Co.	Cartagena, Col.	Balboa, C. Z.	Drydocking	.....
Cedarbank [2]	13	15	Brit.	Andrew Weir & Co.	Tampico, Mexico.	Adelaide, Aust'lia.	General	7,917
F. J. Luckenbach	13	15	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,732
Koyo Maru	14	14	Jap.	Yamashita Co.	Houston, Tex.	Japan	Scrap iron	6,863
Sandhamn [2]	14	14	Swed.	Luria Steel & Trad. Co.	Wilmington, N.C.	Yawata, Japan	Scrap iron	7,659
Falkefjell [1] [2]	14	16	Nor.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	S. Francisco, Cal.	Fuel oil	11,218
West Ira	14	15	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	4,127
Tweedbank [2]	14	15	Brit.	Bank Line, Ltd.	Philadelphia, Pa.	Shanghai, China	General	4,775
Queen Anne [2]	14	15	Brit.	Anglo-Can. S. S. Co.	Halifax, N. S.	Los Angeles, Cal.	Ballast	.....
Teal [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Mathew Luckenbach	14	15	Amer.	Luckenbach Line	New Orleans La.	Seattle, Wash.	General	8,730
Santa Paula	14	15	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	3,394
Pasajero [3]	13	15	Pan.	R. Feuillebois	Colon, R. P.	Corinto, Nic.	Coconuts	12
Clio [2]	14	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	74
Timber Rush	14	15	Amer.	Shepard S. S. Co.	Albany, N. Y.	Tacoma, Wash.	General	2,940
Taibun Maru	15	15	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Osaka, Japan	([11])	9,094
Columbian	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,350
Harborough	15	15	Brit.	J. & C. Harrison	New York, N. Y.	Moji, Japan	Steel scrap	8,034
Fresno City	15	16	Brit.	Mitsubishi Shoji K.	Tampa, Fla.	Niihama, Japan	Phosphates	8,477
Frank [3]	11	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Istmo	15	16	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	225
Kamikawa Maru [2]	15	16	Jap.	Kawasaki K. Kaisha	Philadelphia, Pa.	Shanghai, China	General	5,977
Gregalia	14	16	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	1,646
Moorby [2]	15	16	Brit.	Sir R. Ropner & Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	.....
Cairo [2]	16	16	Ger.	Anglo-Can. S. S. Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Cacique	15	17	Amer.	Grace Line	Baltimore, Md.	SanAntonio, Chile	([12])	1,213
Enoch [3]	16	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [13].	.....	.....
M-211 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Real [2]	15	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	15	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	15	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Amasis	15	17	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile	General	4,225
Ravnaas [2]	16	17	Nor.	Anglo-Can. S. S. Co.	Antwerp, Belg.	Vancouver, B. C.	General	3,270
Willamette Valley [2]	17	17	Brit.	Asano Bussan Co.	Boston, Mass.	Yokohama, Japan	([14])	8,204
City of Manila	16	17	Brit.	Ellerman-Hall Line	Liverpool, Eng.	Brisbane, Aus'lia.	General	5,538

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [10] Mine sweeper. [11] Scrap and pig iron. [12] Automobiles, charcoal, etc. [13] For bananas and return to Cristobal. [14] Scrap iron, steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Cachalot [6]	15	19	Amer.	D. F. Fisher	Miami, Fla.	Los Angeles, Cal.	Ballast	
Canada [2]	17	17	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	322
Heinrich V. Riedemann [1] [2]	17	17	Pan.	W. Tankschiff Rhed'i.	New York, N. Y.	Talara, Peru	Ballast	
Hellgate [2] [3]	17	22	Amer.	U. S. Navy	New York, N. Y.	Honolulu, T. H.	Ballast	
Teal [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	([17])	
Soloy [2]	17	18	Nor.	Canadian Gulf Line	Falmouth, Eng.	Powell Riv., B. C.	Ballast	
Durazzo	15	17	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	293
Bolton Castle	17	18	Brit.	Chile Nit. Sales Corp.	Cardiff, England.	Ant'fagasta, Chile	Coal, coke	7,195
Abraham Lincoln [2]	17	18	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	6,371
Sirius [1] [4]	17	22	Amer.	U. S. Navy	New York, N. Y.	Pearl Har., T. H.	General	2,850
Luna [2]	17	17	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Flo [5]			Pan.	W. L. Stilson	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Lt. Col. H. C. Schumm [4]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Slavador	11	19	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	798
Clydebank [2]	17	19	Brit.	Andrew Weir & Co.	Savannah, Ga.	Yawata, Japan	Scrap iron	8,384
Jomar	17	18	Amer.	Weyerhaeuser S.S.Co.	Boston, Mass.	Tacoma, Wash.	General	3,229
Harmatris	18	18	Brit.	Mitsui & Co.	New Orleans, La.	Osaka, Japan	Scrap iron	8,980
Marore	17	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Lowther Castle	18	19	Brit.	Mitsui Bussan Kaisha	Liverpool, Eng.	Seattle, Wash.	Ballast	
Susan A. Moran [4]	18	19	Amer.	Moran Towing Co.	New Orleans, La.	Gray's Har., Wash	Ballast	
San Blas	18	19	Pan.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R.P.	Ballast	
Kansan	18	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,644
Tokai Maru [2]	18	19	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	Gen., copper	7,832
Ernebank [2]	18	19	Brit.	Commer. Metals Co.	New Orleans, La.	Yokohama, Japan	Scrap iron	9,000
Arica	17	19	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	1,983
Trois Ilets	15	19	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	74
San Lucas	18	19	Amer.	States S. S. Line	Norfolk, Va.	Seattle, Wash.	Gen., steel	6,038
Mastodon [1] [5]	18	19	Amer.	Colombia Const. Co.	New Orleans, La.	Grays Har., Wash	Ballast	
Camden [2]	17	19	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	
Terje Viken	18	19	Brit.	United Whalers, Ltd.	Rotterdam, Neth.	Yokohama, Japan	Ballast	
Indien [2]	17	19	Nor.	Societa Italia	Venice, Italy	Vancouver, B. C.	General	1,969
Harpalycus	18	19	Brit.	Isbrandtsen Moller	Chester, Pa.	Moji, Japan	([18])	8,821
Virgilio [2]	18	19	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	516
Gothic Star	18	20	Brit.	Blue Star Line	Tyne, England	N. Westm'er, B.C.	Ballast	
Franz Klasen [1] [2]	18	19	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Charles Christenson.	18	19	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	([19])	4,181
Svend Foyn [1] [6]	18	19	Brit.	Star Whaling Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Nojima Maru [2]	18	20	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	8,345
Heranger [2]	18	20	Nor.	Interocean Line	Rotterdam, Neth.	Portland, Oreg.	General	12
Awobasan Maru [2]	18	20	Jap.	Mitsui Bussan Kaisha	Philadelphia, Pa.	Moji, Japan	([20])	8,198
Admiral Y. S. Williams.	18	20	Amer.	Bulk Carriers Corp.	Freeport, Tex.	Longview, Wash.	Sulphur	4,700
Uranienborg	19	20	Dan.	C. K. Hansen	Charleston, S. C.	Yawata, Japan	Scrap iron	5,600
Alamar	19	20	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen	8,519
Siamese Prince [2]	19	20	Brit.	Furness Prince Line	New York, N. Y.	Osaka, Japan	([21])	6,850
Memphis City	19	20	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen	8,268
Punta Arenas	19	20	Chile	Chile N. Amer. Line	New York, N. Y.	Valparaiso, Chile.	General	2,762
Kattegat [2]	19	20	Nor.	Mitsubishi Shoji K.	New Orleans, La.	Kobe, Japan	Scrap iron	7,698
Calgarolite [1] [2]	19	20	Brit.	Imperial Oil Co.	Montreal, Canada	Vancouver, B. C.	Ballast	
Langleegorse	20	20	Brit.	Mitsubishi Shoji K.	Norfolk, Va.	Kobe, Japan	Scrap iron	7,036
Arantzazu Mendi.	20	20	Span.	Cia. Nav. Sota & Aznar	Barry, England	Vancouver, B. C.	Ballast	
Comara [2]	20	21	Brit.	North Coast S. S. Co.	Drammen, Nor.	Sydney, Australia	Lumber	460
Brimanger [2]	20	20	Nor.	General S. S. Corp.	Antwerp, Belg.	Vancouver, B. C.	General	4,724
Niel Maersk [2]	20	20	Dan.	Isbrandtsen Moller	Boston, Mass.	Iloilo, P. I.	General	6,901
San Diego	20	20	Fr.	French Line	Havre, France	Vancouver, B. C.	General	6,596
Susan V. Luckenbach.	20	20	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,641
Soyo Maru [2]	20	21	Jap.	Mitsui Bussan Kaisha	New Orleans, La.	Yokohama, Japan	Ballast	
Assuan [2]	20	21	Ger.	Richard Meyer Co.	Galveston, Tex.	Yokohama, Japan	Phos., cotton	7,375
Ume Maru	20	21	Jap.	Kawasaki K. Kaisha	Boston, Mass.	Yokohama, Japan	Pig iron	6,800
Frank [3]	20	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Gasoline	39
Sheafcrown	20	21	Brit.	Isbrandtsen Moller	New York, N. Y.	S. Francisco, Cal.	Scrap iron	7,000
President Monroe.	21	21	Amer.	Dollar Line	Bombay, India	S. Francisco, Cal.	Gen., mach.	4,863
Orduna	20	21	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,464
Virginia	21	22	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	Gen., paper	2,864
Rotorua	20	21	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	5,364
Dorothy Luckenbach.	21	21	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	General	5,540
Point Vincente	21	21	Amer.	Gulf-Pacific Line	New Orleans, La.	Los Angeles, Cal.	General	6,685
Leeds City	21	22	Brit.	Asano Bussan Co.	Savannah, Ga.	Yokohama, Japan	Scrap steel	8,233
Santa Inez [2]	20	22	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	Mach., gen	2,727
W. M. Delphia [3]	21	22	Hond.	W. S. McNab	Trujillo, Hond.	Amapala, Hond.	Ballast	
Sun [1] [2]	21	22	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [10] Mine sweeper. [13] Dredge. [14] Cargo ship. [15] Barge. [16] Whaler. [17] Towing *Hellgate*. [18] Pig iron, automobile parts. [19] Iron, steel. general. [20] General, rosin, steel. [21] General, scrap iron.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Cheyenne [1] [2]	20	22	Brit.	Anglo-Amer. Oil Co.	N. Shields, Eng.	Los Angeles, Cal.	Ballast	.....
Ethan Allen	21	22	Amer.	Lykes Bros.-Ripley	Galveston, Tex.	Manila, P. I.	([14])	10,509
Sheng Ho	22	22	Chin.	Fan Hsien Ho	Baltimore, Md.	Yokohama, Japan	Pig iron	8,998
Sutherland	22	22	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	([15])	3,738
Strombo [1] [2]	21	23	Ital.	E. E. Gibson	Amsterdam, Neth	S. Francisco, Cal.	Creosote	7,156
Nyhaug [2]	22	22	Nor.	Dant & Russell	Savannah, Ga.	Marshfield, Oreg.	Ballast	.....
Tyr [2]	22	22	Nor.	Thorvald Hansen	New Orleans, La.	Yawata, Japan	([16])	6,474
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Ronda [6]	4	30	Brit.	H. V. Hudson	Ponce, R. P.	Gatun, C. Z.	Ballast	.....
Arizonan	22	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,471
Pacific Trader [2]	23	23	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	889
Ino [2]	22	23	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	21
Manizales	22	23	Ger.	North German Lloyd.	Manaure, Col.	Guayaquil, Ecua.	General, salt	1,046
Oklahoman	23	23	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	5,104
Istmo	22	23	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	100
Nuevo Panama [2]	22	24	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	140
El Oso [1]	23	24	Brit.	C. T. Bowring & Co.	Manchester, Eng.	Cabo Bl'co, Peru	Ballast	.....
Lahaina	23	24	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	General	4,691
Yorkmar	23	24	Amer.	Calmar Line	Baltimore, Md.	Seattle; Wash.	Steel, gen.	8,296
Deerpool	23	24	Brit.	Anglo-Can. S. S. Co.	Baltimore, Md.	Brit. Columbia	Ballast	.....
Point Clear	24	24	Amer.	Gulf-Pacific Line	New Orleans, La.	Tacoma, Wash.	General	5,084
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lafcomo	24	24	Amer.	Weyerh'ser Lumb. Co.	Galveston, Tex.	Hoquiem, Wash.	Sulphur	7,100
Pereira	18	25	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,211
Steel Mariner	24	24	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Shanghai, China	Gen., steel	8,513
Rhea [1] [2]	24	24	Fr.	Comp. Aux. de Nav.	Dunkerque, Fr.	Talara, Peru	Ballast	.....
Roda [2]	24	25	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,177
Torvanger	24	25	Nor.	Chile Nit. Sales Corp.	Pensacola, Fla.	Tocopilla, Chile.	Ballast	.....
Box Hill	24	25	Brit.	Gulf States S. S. Co.	Houston, Tex.	Yokohama, Jap.	Scrap iron	8,433
Helder	23	25	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,837
Lieut. Col. H. C. Schumm [4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Luna [2]	23	24	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
John C. Spencer [1] [3]	24	27	Amer.	U. S. Navy	New York, N. Y.	Cordova, Alaska	Ballast	.....
Trois Ilets	23	23	Fr.	French Line	Cristobal, C. Z.	Esmeral's, Ecua.	Ballast	.....
Mecklenburg	24	25	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Osaka, Japan	Phos., cotton	9,727
El Mirlo [1] [2]	24	25	Brit.	Chile S. S. Co.	Aruba, N. W. I.	Tocopilla, Chile.	Fuel oil	12,074
Bonnington Court [2]	24	26	Brit.	Hamburg-Amer. Line.	Galveston, Tex.	Kobe, Japan	General	8,231
Kent	25	26	Brit.	FederalSteamNav.Co.	London, England	Pt. Chalm's, N. Z.	General	5,196
San Gil	25	26	Pan.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R.P.	Ballast	.....
Telde	25	26	Hond.	Mayan S. S. Corp.	Baltimore, Md.	Pto. Arm'les, R.P.	Ballast	.....
Steel Trader	25	26	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	Steel, gen.	6,608
Imperial Monarch	25	26	Brit.	Asano Bussan Co.	New York, N. Y.	Yokohama, Jap.	Scrap metal	8,000
D. G. Scofield [1]	25	26	Amer.	Standard Oil of Cal.	Providence, R. I.	Pt. San Luis, Cal.	Ballast	.....
Baru [2]	25	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Virginia Nicolaou	25	26	Greek	G. Nicolaou	Houston, Tex.	Yawata, Japan	Scrap steel	8,508
Real [2]	25	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Knoxville City	25	26	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Steel, gen.	8,415
Tacoma [2]	25	26	Dan.	Steamship Co., Orient	Boston, Mass.	Yokohama, Japan	Scrap iron	7,819
Borgestad [2]	25	26	Nor.	Canadian Transp. Co.	Grimsby, Eng.	Vancouver, B. C.	Sugar	6,515
Olympia Maru [2]	25	26	Jap.	Mitsubishi S. Kaisha	Rotterdam, Neth.	Yokohama, Japan	([17])	8,472
Missourian [2]	25	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	S. Francisco, Cal.	General	4,949
Eleni	26	26	Greek	A. T. Callinicos & Co.	Baltimore, Md.	Yawata, Japan	Scrap iron	8,072
Republic [8]	25	28	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,455
Nolisement	26	27	Brit.	Asano Bussan & Co.	Philadelphia, Pa.	Yokohama, Japan	Scrap iron	8,505
Hopestar	26	26	Brit.	Chile Nit. Sales Corp.	Tyne, England	Iquique, Chile	Ballast	.....
Blackheath	26	27	Brit.	States Marine Co.	Savannah, Ga.	Kobe, Japan	Scrap iron	8,500
Frank [3]	25	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Thurland Castle [2]	26	27	Brit.	Barber Line	New York, N. Y.	Osaka, Japan	([18])	8,856
Clumberhall	26	27	Brit.	Westh'pool Stm. Nav.	Cardiff, England	Vancouver, B. C.	Ballast	.....
Trontolite [1] [2]	27	28	Brit.	Imperial Oil Co.	Montreal, Canada	Talara, Peru	Ballast	.....
President Cleveland	27	28	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	Mach., gen.	3,906
San Jose	26	27	Fr.	French Line	Le Havre, France	Vancouver, B. C.	General	4,565
William Luckenbach	27	27	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,811
Rajahstan	27	27	Brit.	Common Brothers	Baltimore, Md.	Brit. Columbia	Ballast	.....
Hopecastle [2]	27	27	Brit.	Anglo-Can. S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Santa Clara	26	28	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	3,549
Chang Lung	27	27	Chin.	Mitsubishi S. Kaisha	Tampa, Fla.	Yokohama, Japan	Phos. rock	8,685
Asbjorn [2]	27	27	Dan.	Mitsubishi S. Kaisha	New York, N. Y.	Yawata, Japan	Scrap iron	7,480
Big Bill [3]	27	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [19]	.....	.....
Trinidad [5]	26	...	Amer.	C. A. Wilson	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [10] Mine sweeper. [13] Coast Guard cutter. [14] Iron, lead, general. [15] General, steel products. [16] Scrap steel, rails. [17] Phosphate rock, petroleum coke. [18] Scrap steel, general. [19] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Queen Victoria [2]	27	28	Brit.	Westralian Farmers	Tyne, England	Pt.Campbell,N.Z.	Sulphur	8,814
Coloradan	27	28	Amer.	Amer.-Hawaiian Line.	N. London, Conn.	Seattle, Wash.	General	5,340
Eli [2]	28	28	Nor.	Anglo-Can. S. S. Co.	Savannah, Ga.	Osaka, Japan	Scrap iron	7,302
Besholt [2]	28	28	Nor.	Isbrandtsen Moller	New York, N. Y.	Moji, Japan	([15])	6,812
Coalby	23	28	Brit.	Mitsubishi Co.	Jacksonville, Fla.	Moji, Japan	Scrap metal	6,118
Reaveley	28	28	Brit.	L. I. Mach. & Equip.	New York, N. Y.	Kamaishi, Japan	Scrap steel	7,000
Margaret Johnson	[2] 28	28	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	3,987
Nordnes [2]	28	28	Nor.	Canadian Gulf Line	Port Tampa, Fla.	N. Westm'er, B.C	([16])	4,000
Sage Brush	28	28	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	5,034
Santa Elena	28	29	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,988
Shinko Maru [2]	28	29	Jap.	Kawasaki K. Kaisha	Baltimore, Md.	Kobe, Japan	Ballast	.....
Babbitt [9]	7	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Ceres	28	29	Neth.	Royal Neth. S. S. Co.	Amsterdam,Neth	Tumaco, Colom.	Cement, gen.	1,487
Baron Ardrossan	28	29	Brit.	Mitsui & Co.	Baltimore, Md.	Yokohama,Japan	Pig iron	5,952
Clio [2]	28	29	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	218
Katrine Maersk [1]	[2] 28	29	Dan.	A. P. Moller	Antwerp, Belg.	La Libertad, Ecu.	Ballast	.....
Houston City [2]	28	29	Brit.	Reardon-Smith Line	Tampa, Fla.	Niihama, Japan	Phosphates	9,009
San Simeon	28	29	Amer.	Quaker Line	Bridgeport,Conn.	Seattle, Wash.	General	4,609
Taigen Maru	29	29	Jap.	Mitsubishi Shoji K.	Wilmington,N.C.	Yawata, Japan	Scrap steel	7,337
Arna [2]	28	29	Nor.	Hasegawa & Co.	Galveston, Tex.	Moji, Japan	Scrap iron	6,941
Dagrun [2]	28	29	Nor.	Bulk Carriers	Norfolk, Va.	Osaka, Japan	Scrap steel	7,553
Denmark Maru	29	29	Jap.	Kawasaki K. Kaisha	Dakar, Africa	Japan	Ballast	.....
Dakotan	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,672
Buenos Aires Maru [2]	29	30	Jap.	Osaka Shosen Kaisha	Buenos Aires,Arg.	Kobe, Japan	Cotton, hides	4,355
West Mahwah	29	30	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Los Angeles, Cal.	General	4,718
Rothley [2]	29	30	Brit.	Westralian Farmers	Freeport, Tex.	Fremantle, Aust.	Sulphur	8,743
Winona	29	30	Amer.	Pac. Coast Direct Line	Philadelphia, Pa.	Tacoma, Wash.	General	5,249
Istmo	28	30	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	410
Commissaire Ramel.	29	30	Fr.	Messageries Marit'es.	Marseille, France.	Noumea,N.Caled.	General	....
Vermar	29	30	Amer.	Calmar S. S. Corp.	Philadelphia, Pa.	Los Angeles, Cal.	Steel, gen.	6,971
Elwood [2]	30	30	Amer.	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	...
Venice Maru	30	30	Jap.	Kawasaki K. Kaisha	Tampa, Fla.	Niihama, Japan	([17])	7,578
Chilore	28	30	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Dusseldorf [2]	30	30	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	5,525
Tymeric	30	31	Brit.	Andrew Weir & Co.	Baltimore, Md.	Kobe, Japan	Scrap iron	7,287
Acajutla	25	31	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	967
Fordsdale	30	31	Brit.	Shaw, Savill & Albion.	London, England	New Zealand	General	4,900
Tuira [2]	29	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Grover J. [13]	...	...	Amer.	G. C. Gravatt	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Susanna [13]	...	...	Amer.	R. C. McKeown	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Yankee [13]	...	...	Amer.	William Hanna	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Hi Wini [13]	...	...	Amer.	Milton Dunn	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Wild Flower [13]	...	...	Amer.	G. V. Tawes	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Cerigo	28	31	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	1,040
Herman Frasch	30	31	Amer.	Union Sulphur Co.	Galveston, Tex.	Everett, Wash.	Sulphur	6.300
Gera	30	31	Ger.	Hamburg-Amer. Line.	New Orleans, La.	New Zealand	Oil, asphalt	6,358
Kinai Maru [2]	31	31	Jap.	Osaka Shosen Kaisha	New York, N. Y.	Yokohama,Japan	General	7,712
Bronxville [2]	31	31	Nor.	Fern Line	New Orleans, La.	Yawata, Japan	([18])	7,698
Pyrrhus	30	31	Brit.	Alfred Holt & Co.	Philadelphia, Pa.	Manila, P. I.	General	5,330
Scottish Castle [1]	31	31	Brit.	Standard Oil of N. J.	Caripito, Venez.	Tocopilla, Chile	Fuel oil	10,039
Rio Novo	30	31	Nor.	A. S. Sobral	New York, N. Y.	Kamaishi, Japan	Scrap iron	4,200
Moveria [2]	31	31	Brit.	Donaldson Line	Glasgow,Scotland	Vancouver, B. C.	General	695
Nisshin Maru [14]	31	1	Jap.	Taiyo Hogei Kaisha	Rotterdam, Neth.	Yokohama,Japan	Ballast	.....
Penrose	31	1	Brit.	Schiavone Bonomo	New York, N. Y.	Yawata, Japan	Scrap iron	7,019
Huntingdon	31	1	Brit.	Fed. Steam Nav. Co.	Glasgow,Scotland	New Zealand	Ballast	.....
Democracy	31	1	Amer.	Gulf-Pacific Line	Tampa, Fla.	Tacoma, Wash.	General	6,100
Deborah	1	1	Pan.	A. Tagaropulos	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Eleonora Maersk [1]	[2] 31	1	Dan.	Shell Oil Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
S-46 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tercero [2]	31	1	Nor.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano,Chile	General	4,011
Ohio Maru	1	1	Jap.	Hakuyo Kisen K. K.	Baltimore, Md.	Muroran, Japan	Scrap iron	7,193
San Blas	1	1	Pan.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les, R.P.	Ballast	.....
Silverwalnut [2]	1	1	Brit.	Silver Line, Ltd	Boston, Mass.	Hongkong, China	General	5,176
City of Kimberley	1	2	Brit.	Ellerman & Bucknall	Quebec, Canada	Kobe, Japan	Asbestos	6,954
Florence Luckenbach.	1	2	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,156
Nardana	2	2	Brit.	Brit. Ind. Steam Nav.	New York, N. Y.	Sydney, Aust'lia	General	4,016
Honomu	2	2	Amer.	Isthmian S. S. Lines	Mobile, Ala.	Seattle, Wash.	Steel	9,013
Hameln	1	2	Ger.	North German Lloyd	Bremen,Germany	Los Angeles, Cal.	General	5,793
Georgian	2	2	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal.	General	3,330
Pennsylvania	2	2	Amer.	Weyerhaeuser S.S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	4,906
Real [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lieut. Col. H. C. Schumm. [4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Aylsham	2	3	Brit.	Nissho Co.	Norfolk, Va.	Osaka, Japan	Scrap steel	6,355

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [9] Destroyer. [13] Sailboat. [14] Whaler. [15] General, scrap iron. [16] Phosphates, sugar. [17] Cotton, phosphates. [18] Scrap and pig iron.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
West Nilus	2	3	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	7,051
Cornwall	2	3	Brit.	Fed. Steam Nav. Co.	Liverpool, Eng.	N. Plym'th, N. Z.	General	12,160
Walter A. Luckenbach.	3	3	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	799
Baxtergate	3	3	Brit.	Fed. Steam Nav. Co.	New York, N. Y.	Sydney, Aust'lia.	General	5,650
Rowanbank	3	3	Brit.	Mersey Paper Co.	Liverpool, N. S.	Sydney, Aust'lia.	Paper	4,596
Andrea F. Luckenbach.	3	3	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	5,072
Frank [3]	3		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		
Temple Moat	3	4	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
California	4	5	Amer.	Panam-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,534
Sheafholme [2]	3	4	Brit.	Mitsui & Co.	Baltimore, Md.	Kobe, Japan	Pig iron	8,511
Shinsei Maru No. 1	3	4	Jap.	Yamashita K. K.	Texas City, Tex.	Yawata, Japan	Scrap iron	7,159
Louis L. D. [2]	4	4	Fr.	Louis Dryfus & Co.	Buenos Aires, Arg.	Los Angeles, Cal.	Maize	8,539
Elin K. [2]	4	4	Nor.	Polaris S. S. Co.	Baltimore, Md.	Osaka, Japan	Steel prod.	8,020
Santa Rita [2]	4	4	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,401
Temple Bar	4	4	Brit.	Chile Nit. Sales Corp.	Boston, Mass.	Chile	Ballast	
Aritz Mendi	4	4	Span.	Aznar & Sota	Barry, England	Vancouver, B. C.	Ballast	
San Vincente	4	4	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	5,631
Edwin Christenson.	5	5	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	6,468
Dolius [2]	5	5	Brit.	Asano Bussan & Co.	M'head City, N.C.	Osaka, Japan	Scrap iron	6,999
F. H. Hillman [2]	5	5	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Lub. oil	9,950
Chateau Thierry [8]	4	7	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,738
Tenyo Maru [2]	5	5	Jap.	Mitsui & Co.	New York, N. Y.	Yokohama, Japan	([15])	9,147
Panaman	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,043
American Oriole	5	6	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,461
Pacific Reliance [2]	5	6	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General	834
Harpagon	5	6	Brit.	Gordon & Potter	New York, N. Y.	Yokohama, Japan	Scrap iron	8,700
Oakmar	5	6	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,458
Istmo	4	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Tredinnick	5	6	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Dunedin, N. Z.	General	4,238
City of Rayville [2]	6	6	Amer.	Roosevelt S. S. Co.	Newp't News, Va.	Adelaide, Aust'lia	General	3,791
Masunda	6	6	Brit.	L. I. Mach. & Equip.	Boston, Mass.	Osaka, Japan	Scrap iron	8,074
Aagot	6	6	Finn.	United Maritime Co.	New York, N. Y.	Yawata, Japan	Scrap iron	4,920
Martin Bakke [2]	6	7	Nor.	Knutsen Line	Malmo, Sweden	B'ventura, Col.	Cement, gen.	3,428
Cali	4	7	Ger.	North German Lloyd	Pto. Colombia	Guayaquil, Ecua.	Beer, flour	697
President Adams	6	7	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,832
Vagabond II [13]			Amer.	Olaf Sigmond	Cristobal, C. Z.	South Sea Islands	Ballast	
M-211 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
M-238 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Marchen Maersk [2]	6	7	Dan.	A. P. Moller	Baltimore, Md.	Cebu, P. I.	General	7,351
Nuevo Panama [2]	5	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	200
Ohioan	7	7	Amer.	Amer.-Hawaiian Line.	Charleston, S. C.	Tacoma, Wash.	Steel, gen.	5,187
Tai Shan [2]	7	7	Pan.	Wilh. Wilhelmsen	New York, N. Y.	Osaka, Japan	([16])	6,067
Csikos	6	7	Hung.	Anglo-Can. S. S. Co.	Plymouth, Eng.	Williamsh'd, B.C.	Ballast	
Fernbank [2]	7	7	Nor.	Fern Line	Mobile, Ala.	Kobe, Japan	([17])	7,207
Point Lobos	7	7	Amer.	Gulf-Pacific Line	New Orleans, La.	Seattle, Wash.	General	6,361
Hermonthis [2]	7	8	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,871
Svealand [2]	7	7	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Trois Ilets	3	7	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	27
Kalypso Vergotti [2]	7	7	Greek.	Kokos Vergotti	Norfolk, Va.	Yawata, Japan	([18])	7,308
Luna [2]	7	7	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Bodegraven	6	8	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,284
Lautaro [2]	7	8	Brit.	Pacific Steam Nav. Co.	Hull, England	Corral, Chile	General	6,510
Ewa	7	8	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	Steel, gen.	8,907
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Luceric	7	8	Brit.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	
Austvard [2]	8	9	Nor.	Klosters Rederi, A. S.	Newp't News, Va.	Yawata, Japan	Scrap iron	6,642
Kishacoquillas [1]	8	9	Amer.	U. S. Tankship Corp.	New Orleans, La.	Honolulu, T. H.	Ballast	
Ryuyo Maru	8	8	Jap.	Yamashita Ship. Co.	Charleston, S. C.	Muroran, Japan	Scrap iron	8,246
San Gil	8	8	Pan.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R.P.	Ballast	
Harpalion	8	8	Brit.	Mitsui & Co.	New York, N. Y.	Osaka, Japan	Scrap iron	8,400
Mayan	2	9	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	728
Motor Sailers			Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Katsuragi Maru [2]	8	9	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	([19])	7,949
George M. Embiricos.	8	9	Greek.	Canadian Transp. Co.	Antwerp, Belgium	Vancouver, B. C.	Ballast	
Mirrabooka [2]	8	9	Swed.	Transpacific S. S. Co.	Boston, Mass.	S. Francisco, Cal.	Ballast	
Taketoyo Maru	8	9	Jap.	Nippon Yusen Kaisha.	New York, N. Y.	Kobe, Japan	([20])	8,713
King Arthur [2]	9	9	Brit.	J. J. Moore	Cardiff, England	Brit. Columbia	Ballast	
Californian	9	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,840
Ann Stathatos	9	9	Greek.	Stathatos Co.	Houston, Tex.	Kamaisha, Japan.	Scrap iron	7,577
Ludington [8]	5	11	Amer.	U. S. Army	Brooklyn, N. Y.	Honolulu, T. H.	General	5,634
Wave [2]	9	9	Nor.	Butlers Wang Rederi.	Houston, Tex.	Kobe, Japan	Scrap iron	8,990
Tosca	9	9	Nor.	Knudsen Line	Newport, Eng.	Tocopilla, Chile.	Ballast	
Tuira [2]	8		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [13] Sloop. [14] For bananas and return to Cristobal. [15] Pig iron and scrap steel. [16] General and scrap steel. [17] Phosphates, pig iron. [18] Scrap iron, cotton. [19] Scrap iron, general, etc. [20] General, cotton, steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sambu [2]	8	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z....	Ballast	.....
Real [2]	8	9	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Pedregal, R. P...	Gasoline	40
J-26 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z...	Gatun, C. Z....	Ballast	.....
Turakina	9	10	Brit...	N. Z. Shipping Co.	Liverpool, Eng...	New Zealand	Ballast	.....
Brandywine [1]	10	10	Amer..	Jobbers Pet. Sales Co.	Houston, Tex...	Los Angeles, Cal.	Gasoline	6,329
Llanberis	10	10	Brit...	Mitsui Line	New Orleans, La.	Yawata, Japan...	Scrap iron	7,525
Santa Barbara [2]	9	11	Amer..	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,903
Sahale	10	11	Amer..	Weyerhaeuser S.S. Co.	Boston, Mass...	Seattle, Wash...	([14])	5,523
Frank [3]	10	...	Pan...	E. J. Hooper	Cristobal, C. Z...	Gatun, C. Z. [15]	.....	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Fernglen [2]	10	11	Nor...	Fern Line	Iloilo, P. I.	Wilmington, N.C.	General	7,177
Nurnberg [2]	10	12	Ger...	North German Lloyd.	Talcahuano, Chile	Bremen, Ger.	General	7,076
Armadale [2]	10	11	Brit...	Manz Line	Wellington, N. Z.	Montreal, Canada	General	4,114
Marisa [1] [2]	11	11	Neth..	Shell Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	11,669
Taylor No. 94 [9]	11	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Salvador	11	18	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	832
Jefferson Myers	11	11	Amer..	Quaker Line	Seattle, Wash.	Philadelphia, Pa.	Gen., lum.	10,005
Pacific Grove [2]	11	11	Brit...	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scotland	Gen., lum.	8,783
Frank [2]	11	15	Pan...	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Sona [2]	10	12	Pan...	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	16
Elwood [1]	11	12	Amer..	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Gasoline	9,740
Carolinian	11	12	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Gen., lum.	8,176
Gracia	12	12	Brit...	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scotland	General	6,880
Kahuku	12	13	Amer..	Matson Nav. Co.	Hilo, T. H.	New York, N. Y.	Sugar cane	7,650
Santa Clara	11	12	Amer..	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,957
Pennington Court	12	12	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	6,482
Sea Dog [1] [3]	12	...	Amer..	W. C. Cope	Balboa, C. Z.	Miraflores, C. Z.	Ballast	.....
Julia Luckenbach	12	13	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,284
Ville de Verdun	13	14	Fr....	Messageries Marit'es.	Noumea, N. Caled	Marseille, France.	Copra, gen.	4,856
Noto Maru [2]	13	13	Jap...	Nippon Yusen Kaisha	Keelung, Japan	New York, N. Y.	([16])	5,555
W. R. Keever	13	13	Amer..	Dutton Lum. Corp.	Everett, Wash.	New York, N. Y.	Lumber	7,300
S-43 [7]	14	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-45 [7]	14	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	14	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-42 [7]	14	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Forbes Hauptman	13	14	Amer..	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	General	7,877
Jedmoor [2]	13	14	Brit...	N. Pacific Ship. Co.	Chemainus, B. C.	Durban, S. Africa	General	5,970
San Gil	13	14	Pan...	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	1,300
Clio [2]	14	15	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	441
Steel Worker	14	14	Amer..	Isthmian S. S. Lines	Honolulu, T. H.	Boston, Mass.	Sugar	8,552
Chateau Thierry [8]	12	15	Amer..	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores	139
Moldanger [2]	14	14	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Lum., gen.	8,596
Antonio	14	14	Brit...	Bank Line	Makatea, Fr. Arch.	Lim Hanm.	Phosphates	7,000
Norden [1] [2]	14	14	Nor...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	11,411
Winslow [5]	14	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Retriever [5]	14	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Wind Rush	14	15	Amer..	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,518
Port Hobart [2]	14	15	Brit...	Port Line	Lyttleton, N. Z.	London, England	Frozen, gen.	5,926
Iowan	14	15	Amer..	Amer.-Hawaiian Line.	Bellingham, Wash	Boston, Mass.	General	7,425
Istmo	14	16	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	653
Hegira	14	15	Amer..	Weyerhaeuser S. S. Co.	Seattle, Wash.	Newark, N. J.	Lumber, gen.	10,000
Trois Ilets	14	18	Fr....	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	236
Elin K [2]	14	15	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nitrates	8,265
Laurits Swenson [2]	14	16	Nor...	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,407
Geddington Court	15	15	Brit...	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	10,150
Durazzo	15	17	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,153
Shunten Maru [2]	15	15	Jap...	United Ocean Transp.	Manila, P. I.	Boston, Mass.	Gen., sugar	8,256
Portland [2]	15	16	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Wheat, gen.	7,750
Real [2]	15	16	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Tuira [2]	15	16	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	57
Sona [2]	15	16	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Point Salinas	15	16	Amer..	Swayne & Hoyt	Seattle, Wash.	PanamaCity, Fla.	General	6,977
Jane Christenson	15	16	Amer..	Arrow Line	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,505
Mataroa	15	16	Brit...	Shaw, Savill & Albion	Wellington, N. Z.	London, England	Frozen, gen.	5,534
Hagan [1]	16	16	Amer..	Shell Petroleum Corp.	Los Angeles, Cal.	Houston, Tex.	([17])	8,739
Greylock	16	16	Amer..	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrates	10,630
Teal [4]	16	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Karnak	16	16	Ger...	Hamburg-Amer. Line.	Pto. Montt, Chile	Hamburg, Ger.	General	7,529
Winslow [2] [5]	16	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sessa	16	17	Dan...	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	General	2,733
Norne [2]	16	17	Nor...	States Marine, N. Y.	Kushiro, Japan	Philadelphia, Pa.	Ore, general.	6,421
Losada [2]	16	17	Brit...	Pacific Steam Nav. Co.	San Antonio, Tex.	London, England	Copper, gen.	8,730
San Ambrosio [1] [2]	16	17	Brit...	Eagle Oil & Ship. Co.	Los Angeles, Cal.	British Isles	Gasoline	10,677

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [9] Destroyer.
[13] Motor boat. [14] General and steel products. [15] For bananas and return to Cristobal. [16] Wood oil, general.
[17] Kerosene, iso octane.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Wildwood	16	17	Amer.	Amer.-Foreign Corp.	Tacoma, Wash.	Bridgeport, Conn	Lumber	6,633
Mobiloil [5]	17	17	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	15,100
Utsire	17	17	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va.	Nitrates	6,620
San Gabriel	17	17	Amer.	Pac.-Atlantic S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,233
Pennsylvanian	17	17	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,855
Mathilda	17	18	Nor.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores	Nitrates	5,842
Katrina Luckenbach.	17	18	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	Sugar, gen.	6,725
Skagerak [2]	17	18	Nor.	K. Line, Kobe	Yokohama, Japan	New York, N. Y.	General	4,420
Lebore	18	18	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
California	17	18	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,563
Pereira	18	24	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,076
Reina del Pacifico [2]	18	18	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	General	4,647
Axel Johnson [2]	18	19	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,758
Alabama	18	19	Fr.	French Line	Talcahuano, Chile	Le Havre, France	General	8,328
Reliance	18	18	Ger.	Hamburg-Amer. Line.	New York, N.Y. [11]	New York, N. Y.	Passengers	.....
Cucuta [13]	18	19	Colom.	Colombian Govt	B'ventura, Col.	Cartagena, Col.	.....	.....
Santa Rita [2]	18	19	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,208
Kwansai Maru [2]	18	19	Jap.	Osaka Shosen Kaisha	Manila, P. I.	Philadelphia, Pa.	General	7,070
Lt. Col. H. C. Schumm. [4]	18	24	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Frank [2]	18	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Winkleigh	18	19	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B.C.	London, England	Lumber, gen.	8,840
Massmar	18	19	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Philadelphia, Pa.	Lumber	6,378
K. I. Luckenbach.	19	19	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,169
Scottish Heather [1]	18	19	Brit.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	10,252
Potter [2]	19	20	Amer.	Roosevelt S. S. Co.	Manila, P. I.	New York, N. Y.	Sugar, gen.	7,834
Asosan Maru [2]	19	20	Jap.	Mitsui & Co.	Cebu, P. I.	Jacksonville, Fla.	General	7,568
Barfonn [1] [2]	19	20	Nor.	Standard Oil of N. J.	Talara, Peru	Le Havre, France	Crude oil	14,243
Steel Exporter	19	20	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Baltimore, Md.	General	8,364
Cellina [2]	17	21	Ital.	Italia	Vancouver, B. C.	Trieste, Italy	General	5,028
Anhalt	20	21	Ger.	North German Lloyd	Noumea, N. Caled	Boston, Mass.	Ore, wool	7,854
Caldas [9]	20	23	Colom.	Colombian Govt	B'ventura, Col.	Cartagena, Col.	.....	.....
Ripley [2]	20	21	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Garston, England	Lumber	8,000
Robert F. Hand [1] [2]	20	21	Brit.	Standard Oil of N. J.	El Segundo, Cal.	Avonmouth, Eng.	Gasoline	16,117
Svealand [2]	20	21	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
El Ciervo [1]	20	21	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Donges, France	Crude oil	8,069
Kano Maru [2]	21	21	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Philadelphia, Pa.	General	7,935
San Antonio	21	22	Fr.	French Line	Vancouver, B. C.	Le Havre, France	General	6,460
San Blas	21	21	Pan.	United Fruit Co.	Pto. Arm'les, R.P	Mobile, Ala.	Bananas	972
Tacoma	21	22	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Fruit, gen.	8,657
Nuevo Panama [2]	22	23	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Drums	12
Everett	21	22	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,613
Luna [2]	21	23	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	([16])	4
Istmo	21	23	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	660
Ino [2]	22	23	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	566
Argon [1]	20	22	Amer.	General Pet. Corp.	Los Angeles, Cal.	Cartagena, Col.	Ballast	.....
Alaskan	22	22	Amer.	Amer.-Hawaiian Line.	Bellingham, Wash	Boston, Mass.	General	7,161
Gro	22	22	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nitrates	6,485
Cali	22	24	Ger.	North German Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,142
Cydonia	22	22	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrates	6,320
Grelrosa	15	23	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Charleston, S. C.	Nitrates	7,600
West Cactus	22	22	Amer.	McCormick S. S. Co.	Coos Bay, Oreg.	BuenosAires, Arg.	Gen., lumber	7,320
Emergency Aid	21	23	Amer.	McCormick S. S. Co.	Seattle, Wash.	Wilmington, Del.	Lumber	5,554
Allan Jackson [1]	22	23	Amer.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	9,663
Henderson [8]	20	25	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	Navy stores	507
Angol	23	23	Chile	Chile-N. Amer. Line.	Valparaiso, Chile.	New York, N. Y.	General	6,143
Minerva [2]	23	23	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Wilmington N.C.	Nitrates	9,390
Trojan Star	22	23	Brit.	Blue Star Line	N. Westm'er, B.C.	Newcastle, Eng.	Gen., lumber	9,034
Trois Ilets	23	25	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	156
Point Caleta	23	23	Amer.	Gulf-Pacific Line	Los Angeles, Cal.	New Orleans, La.	General	7,066
Willmoto [2]	23	24	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Bridgeport, Conn.	Lumber, gen.	7,430
Fernmoor [2]	23	24	Brit.	Moor Line, Ltd	Sydney, Aust'lia.	Birkenhead, Eng.	Wheat	8,623
Plunger [7]	22	24	Amer.	U. S. Navy	Callao, Peru	Miami, Fla.	.....	.....
Tilsington Court.	23	24	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber, gen.	10,000
Franconia	24	24	Brit.	White Star Line	New York, N.Y. [14]	New York, N. Y.	Passengers	.....
Santa Rosa	24	25	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,241
Golden Cloud	24	24	Amer.	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md.	Sugar, gen.	8,270
Anniston City	24	24	Amer.	Isthmian S. S. Lines.	Kaanapali, T. H.	Baltimore, Md.	Sugar, gen.	7,998
Jeff Davis [2]	24	24	Amer.	Roosevelt S. S. Co.	Whyalla, Aust'lia	Baltimore, Md.	General	7,565
Elna	24	25	Eston.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [15]	Nitrates	4,750
Eleonora Maersk [1] [2]	24	25	Dan.	Shell Oil Co	Long Beach, Cal.	Curacao, N. W. I.	([17])	15,882
Northmoor [2]	23	25	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B.C.	Capetown, S. A.	Lumber, gen.	6,030
Rangitane [2]	24	25	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,903
Amerikaland [2]	24	25	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,350
Canadian Cruiser.	25	25	Brit.	Manz Line	Adelaide, Aust'lia	Montreal, Canada	General	4,444
Baru [2]	25	25	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	91

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [8] Transport. [9] Destroyer. [13] Training ship. [14] Around the world. [15] For orders. [16] Plantains, lumber. [17] Kerosene distillate.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Abodi Mendi	25	25	Spain	Anglo-Can. S. S. Co.	Nanoose, B. C.	Hull, England	Lumber	6,683
Tuscaloosa City	25	25	Amer.	Isthmian S. S. Lines	Hilo, T. H.	New York, N .Y.	Sugar	8,566
Mexican	25	25	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	9,708
Bretagne	25	26	Fr.	French Line	S. Francisco, Cal.	Le Havre, France	General	1,683
PacificEnterprise [2]	25	25	Brit.	Furness, Witby & Co.	Victoria, B. C.	Glasgow, Scot.	General	8,792
J. L. Luckenbach	25	25	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,503
Lieut. Col. H. C. Schumm [4]	25	6–2	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Frank [2]	25	26	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	24
Real [2]	25	6–2	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Acajutla	25	30	Brit.	Pacific Steam Nav.Co.	Champ'ico Guat.	Cristobal, C. Z.	General	885
Tasmania [2]	25	27	Dan.	Isbrandtsen-Moller	San Carlos, P. I.	Philadelphia, Pa.	General	4,351
S-45 [7]	26		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Boskoop	26	26	Neth.	Royal Neth. S. S. Co.	Talcabuano,Chile	Hamburg, Ger.	General	8,268
Santa Barbara [2]	26	27	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	5,561
Siantar [2]	26	27	Neth.	Pac.-Java-Bengal Line	Calcutta, India	New Orleans, La.	General	6,315
Pasajero [2]	26	27	Pan.	R. Feuillebois	Corinto, Nic.	Cristobal, C. Z.	Sugar	50
L-53 [5]	26		Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Port Denison	27	28	Brit.	Com'lth & Dom. Line	Wellington, N. Z.	London, England	Frozen, gen.	6,320
Salvus	27	27	Brit.	Andrew Weir & Co.	Tarawa, Gilb't Is.	Hamburg, Ger.	([14])	7,677
Cape Race	27	27	Brit.	South Amer. Metal Co.	Coquimbo, Chile.	Carteret, N. J.	Ore	6,134
Vega 4	–22	29	Amer.	U. S. Navy	Bremerton, Wash	Norfolk, Va.	General	2,206
BonningtonCourt5	–27	28	Brit.	Canadian Transp.Co.	Comax, B. C.	Puerto Colombia.	General	6,500
Golden Karui	27	27	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar	8,052
Clio [2]	28	29	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	268
Osnabruck [2]	28	29	Ger.	North German Lloyd.	Valparaiso, Chile.	Bremen, Ger.	General	5,785
President Taft	28	29	Amer.	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,547
Embassage	28	28	Brit.	Anglo-Can.Export Co.	N.Westm'er,B.C.	London, England	Lumber, gen.	8,525
San Gil	28	28	Pan.	United Fruit Co.	Pto. Arm'les,R.P.	Mobile, Ala.	Bananas	1,250
Istmo	28	29	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	642
Cerigo	28	31	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	902
Ruahine	28	28	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	4,898
Baron Pentland	28	28	Brit.	H. Hogarth & Sons	Pab'n Pica, Chile.	Ghent, Belgium.	Guano	5,300
Tai Ping Yang [2]	28	60	Pan.	Barber-Wilhelmsen	Davao, P. I.	New York, N. Y.	General, oil	6,678
Ontariolite [1] [2]	28	29	Brit.	Imperial Oil Co., Ltd.	Lobitos, Peru.	Halifax, N. S.	Crude oil	12,506
Dunrobin	28	29	Brit.	Anglo-Can. Ship. Co.	Vancouver, B. C.	New York, N. Y.	Lumber	8,622
Volunteer	29	29	Amer.	Lykes Bros.-Ripley	Honolulu, T. H.	New Orleans, La.	Sugar	10,343
Mijdrecht [2] [2]	29	29	Neth.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	10,446
Curaca	29	30	Amer.	Grace Line	Callao, Peru	New York, N. Y.	General	3,036
Meton [1]	29	29	Amer.	Shell Eastern Pet. Co.	Los Angeles, Cal.	Fall River, Mass.	Gasoline	9,101
Southern Sun [1] [2]	29	29	Amer.	Sun Oil Co.	El Segundo, Cal.	Chester, Pa.	Gasoline	13,501
Tuira [2]	29	30	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	56
Frank [2]	29	6–3	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Loki [13]	29		Amer.	J. H. Pool, Jr.	Balboa, C. Z.	Gatun, C. Z.	Ballast	
Niki [13]	29		Amer.	W. F. Daniels	Balboa, C. Z.	Gatun, C. Z.	Ballast	
Franz Klasen [1] [2]	30	30	Pan.	W. Tankschiff Rhed'i.	Talara, Peru.	Rotterdam, Neth.	([15])	16,457
Point Brava	29	30	Amer.	Swayne & Hoyt	Bellingham,Wash	Mobile, Ala.	General	7,178
Tsuyama Maru	30	31	Jap.	Nippon Yusen Kaisha.	Iloilo, P. I.	New Orleans, La.	General	9,130
Minnesotan	30	30	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,053
Kreta	30	31	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	2,467
Luna [2]	30	7	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([16])	6
Helcat [5]	30		Amer.	U. S. Army	Balboa, C. Z.	Miraflores, C. Z.		
Taylor No. 94 [9]	31		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Delftdijk [2]	31	1	Neth.	N. Pac. Coast Line	Vancouver, B. C.	Rotterdam, Neth.	General	10,800
Harry Luckenbach	31	31	Amer.	Luckenbach Line	Portland, Oreg.	New York, N. Y.	Lumber, gen.	6,600
Olney [1]	31	31	Amer.	Penn. Shipping Co.	Los Angeles, Cal.	Sewaren, N. J.	([17])	9,712
Olymp [2]	30	31	Pan.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Jacksonville, Fla.	Nitrates	6,586
Barbara Cates	29	31	Amer.	Sudden & Christenson	Longview, Wash.	New York, N. Y.	Lumber	7,465
Anten	31	1	Swed.	Morris Hedstrom	Apia, Samoa Is.	Marseille, France.	General	8,349
Monkleigh	31	31	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Manchester, Eng.	Lum., zinc	8,400
Lochgoil [2]	31	1	Brit.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	10,320
Pennsylvania	31	1	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	7,529
Steelore	1	1	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Montreal Maru	31	1	Jap.	Kawasaki K. Kaisha.	Shanghai, China.	New York, N. Y.	General	4,859
Indianan	31	1	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	8,076
Rhea [1] [2]	1	1	Fr.	Cie. Auxiliere de Nav.	Talara, Peru.	Dunkerque, Fr.	Crude oil	11,122
Kurama Maru [2]	1	2	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	8,062
Opawa	1	1	Brit.	N. Z. Shipping Co.	New Zealand	London, England	Frozen, gen.	6,332
Lundby [2]	1	1	Dan.	Anglo-Can. S. S. Co.	Portland, Oreg.	Rotterdam,Netb.	Lumber	5,494
Real [2]	1	2	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Ho Ho [13] 5	–26		Nor.	Ostmoon,Sckyberg,B.	Callao, Peru.	New York, N. Y.	Ballast	
Sona [2]	1	2	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
Texan	1	2	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,350
Mayan	2	8	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,510
Hawaiian	1	2	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,004
Santa Maria [2]	1	2	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	4,354
Aakre [2]	2	2	Nor.	Chile Nit. Sales Corp.	Tocopilla,Chile.	Wilmington,N.C.	Nitrates	7,590
Iocoma [2] 5	–22	4	Brit.	International Pet. Co.	Talara, Peru.	Baytown, Tex.	Ballast	

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [13] Sloop. [13] Sailboat.
[14] Copra, concentrates. [15] Gasoline, gas oil. [16] Plantains, lumber. [17] Gasoline, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Peter Hurll [1] [2]	3	3	Pan	W. Tankschiff Rhed'i.	Talara, Peru	Fawley, England.	Crude oil	16,612
El Oso [1]	3	4	Brit	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	([15])	10,342
Aller	2	3	Ger	North German Lloyd.	Pt. Pirie, Aust'lia.	Bremen, Germany	General	9,427
Marna	3	3	Dan	J. Lauritzen	Tocopilla, Chile	New York, N. Y.	General	2,550
Firmore	3	3	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Harpoon	3	3	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Philadelphia, Pa.	Lumber, gen.	8,149
San Angelo	3	3	Amer.	Pacific-Atl. S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	General	9,009
Nankai Maru [2]	3	4	Jap	Osaka Shosen Kaisha.	Manila, P. I.	Baltimore, Md.	General	6,967
Trois Ilets	3	7	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, tagua	229
Siljestad [2]	3	3	Nor	Fern Line	Manila, P. I.	Wilmington, N.C.	General	7,506
Lieut. Col. H. C. Schumm. [4]	3	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Vancouver	4	4	Ger	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	8,598
Europa [2]	4	4	Dan	East Asiatic Co.	Vancouver, B.C.	Copenhagen, Den.	General	9,334
Heffron	3	4	Amer.	Pac. Coast Dir. Line.	Portland, Oreg.	Boston, Mass.	Lumber, pulp	9,938
W. M. Delphia [2]	3	5	Hond.	W. S. McNab	Amapala, Hond.	Trujillo, Hond.	Salt	80
Geisha [2]	3	4	Nor	Knut Knutsen	Valparaiso, Chile.	Goth'burg, Swed.	General	6,902
Lena Luckenbach.	4	4	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala	General	5,532
San Blas	4	4	Pan	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala	Bananas	971
Erviken	4	4	Nor	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga	Nitrates	10,445
Louisianan	4	4	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	7,306
Athelempress [1] [2]	4	4	Brit	United Molasses Co.	Honolulu, T. H.	Birkenhead, Eng.	Molasses	13,413
Durazzo	4	6	Ger	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	728
Ino [2]	4	...	Neth	Royal Neth. S. S Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	470
Istmo	4	6	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	490
Bethore	5	5	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Trontolite [1] [2]	4	5	Brit	Imperial Oil Co	Talara, Peru	Montreal, Canada	Gasoline	7,500
Gertrude Maersk [2]	4	6	Dan	Isbrandtsen Moller	Baïs, P. I.	Norfolk, Va	General	6,615
Nuevo Panama [2]	5	7	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	43
Ida Knudsen [1] [2]	4	5	Nor	Standard Oil of N. J.	Talara, Peru	Le Havre, France	Crude oil	13,505
Birmingham City.	5	5	Amer.	Isthmian S. S. Lines	Mahukona, T. H.	Baltimore, Md.	General	8,125
Patrick Henry	5	5	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	General	9,947
Happy Days [2] [6]	5	6	Amer.	Ira C. Copley	L'g Beach, Wash.	New York, N. Y.	Ballast	.....
Imperoyal [1]	5	-14	Brit	Imperial Oil Co	Balboa, C. Z.	Cartagena, Col.	Ballast	.....
Katrine Maersk [1] [2]	5	5	Dan	A. P. Moller	La Libertad, Ecu.	Donges, France	Crude oil	8,403
Uyo Maru [2]	5	6	Jap	Mitsui Busan Kaisha.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,730
Noshiro Maru [2]	6	6	Jap	Nippon Yusen Kaisha	Keelung, Japan	Baltimore, Md.	General	6,211
American	6	6	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	5,804
Robert Luckenbach.	6	6	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	7,242
Point Bonita	6	6	Amer.	Swayne & Hoyt	Seattle, Wash.	Mobile, Ala	Lumber, gen.	5,730
Schwaben	6	8	Ger	North German Lloyd.	Vancouver, B. C.	Bremen, Germany	General	10,825
Blairlogie	6	7	Brit	Canadian Transp. Co.	Victoria, B. C.	S'ampton, Eng.	Lumber	6,252
Point Estero	6	6	Amer.	Swayne & Hoyt	Portland, Oreg.	New Orleans, La.	Gen., lumber	5,691
Steel Engineer	7	7	Amer.	Isthmian S. S. Lines	Kanaapali, T. H.	Baltimore, Md.	General	8,044
Gryfevale	7	7	Brit	Chile Nit. Sales Corp.	Taltal, Chile	Alexandria, Eg.	Nitrates	7,775
Thistlebrae	7	7	Brit	Canadian Transp. Co.	Vancouver, B. C.	London, England	General	7,730
Santa Paula	7	8	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,487
Marore	8	8	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,400
Mobilgas [1]	7	8	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Paulsboro, N. J.	Gasoline	15,091
Aachen	7	9	Ger	North German Lloyd.	Corral, Chile	Bremen, Germany	General	8,404
Nellie	8	8	Greek	Anglo-Can. S. S. Co.	Vancouver, B. C.	Newark, N. J.	Lumber	7,269
Tuira [2]	8	9	Pan	Laffargue Bros.	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Real [2]	8	9	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sambu [2]	8	9	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Mirama [5]	8	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Winslow [5]	8	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
British Prince	8	9	Brit	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	7,685
Salvador	9	...	Brit	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,044
Barbro [1] [2]	9	9	Nor	Ref. Belges de Pet.	Pt. San Luis, Cal.	Antwerp, Belgium	Crude oil	9,561
Santa Lucia	8	10	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	5,851
Bosworth	9	9	Brit	Trinder Anderson Co.	Paago'ine, Soc. Is	Philadelphia, Pa.	Chrome ore	9,250
Ramsa	9	9	Latvia.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [14]	Nitrates	4,950
Deborah [2]	9	...	Pan	A. L. Surgeon	Panama Bay, R.P	Cristobal, C. Z.	Ballast	.....
S-42 [7]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-46 [7]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
David Dawson	9	10	Brit	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Eg.	Nitrates	7,700
Alkmaar	10	10	Neth	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	10,618
Berganger [2]	10	10	Nor	Interocean S. S. Co.	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen.	10,618
Nollington Court.	10	10	Brit	Canadian Transp. Co.	Victoria, B. C.	Rotterdam, Neth.	Wheat, lum.	8,600
Villanger [2]	10	10	Nor	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	([16])	7,275
L-41 [13]	10	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [13] Drag boat. [14] For orders. [15] Crude oil, gasoline. [16] Grain, lumber, general.

Telegraphic Address of The Panama Canal

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of the Fiscal Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the first ten months of the fiscal years 1936 and 1937:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936	1937	Increase	Decrease	1936	1937	Increase	Decrease
July	487	466	.....	4.3	377	456	21.0	.....
August	503	471	.....	6.4	395	473	19.7	.....
September	531	479	.....	9.6	391	466	19.2	.....
October	604	490	.....	18.6	441	482	9.3	.....
November	548	511	.....	6.8	418	368	.....	11.9
December	493	508	3.0	.....	459	341	.....	25.7
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
Total	5,208	5,225	0.3	.....	4,413	4,371	.....	1.0

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at stock price cost plus 20 percent surcharge which covers local freight, handling, and other costs.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of June 2, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.17
Brass, sheet, average	Lb.	.26
Bronze, Tobin, average	Lb.	.18
Gasoline, motor grade	Gal.	.115
Metal, yellow	Lb.	.21
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.26
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.29
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.09
Oil, marine engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.08
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.25 per barrel at Cristobal and Balboa; Diesel oil, $1.80 per barrel at Cristobal and Balboa.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward.	Visiting Hours.
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.30 a. m.; 2.00 to 4.00 p. m. Private rooms: Same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9.30 to 11.00 a. m.; 2.00 to 4.30 p. m.; 6.30 to 8.00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White females, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U	
Ward 14, White, male, G. U	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1.30 to 3.00 p. m.
Ward 18, White children	Daily, 9. 30 to 11.00 a. m.; 2.00 to 4.30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1.30 to 3.00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

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Traffic Through the Panama Canal in June 1937

The total vessels of all kinds transiting the Panama Canal during the month of June 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	June 1935	June 1936	June 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial vessels	405	481	264	208	472
Small commercial vessels [1]	71	56	38	41	79
Noncommercial vessels:					
United States Government	21	34	25	16	41
Colombian Government	1	.....	.....	.....	.....
For repairs	.....	.....	2	1	3
Total	498	571	329	266	595

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended June 30, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
July	377	456	2,035,873	2,364,539	1,777,815	2,450,324	$1,683,649.94	$1,999,105.18
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	1,757,259.77	2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
Total	5,382	5,387	28,024,417	27,491,622	26,505,943	28,108,375	23,479,114.21	23,102,137.12

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for June 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4]110	584,284	628,408	Latvian	1	2,770	4,950
Chilean	1	3,886	5,233	Netherland	17	57,431	37,928
Chinese	1	1,799	2,912	Norwegian	49	243,107	294,459
Danish	15	74,830	90,938	Panamanian	20	55,514	51,687
Finnish	1	2,865	4,920	Peruvian	1	1,640	1,327
French	8	45,710	64,556	Philippine	2	14,096	23,060
German	28	116,289	148,882	Spanish	1	4,285	.....
Greek	10	49,052	74,136	Swedish	7	34,445	42,436
Honduran	1	1,570	450	United States	170	974,009	1,017,897
Hungarian	1	4,001	.....				
Italian	4	31,211	9,704	Total	472	2,450,018	2,670,466
Japanese	24	147,224	166,583				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[4] Includes one naval vessel of 1,665 tons displacement.

Traffic by Trade Routes, June 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	67	390,545	322,623	54	326,848	389,710
East coast United States and:						
Canada	.....	.....	.....	3	13,275	19,777
Central America	4	10,224	.....	3	5,861	2,169
South America	17	76,693	22,019	19	80,078	178,479
Hawaiian Islands	4	20,255	16,363	6	26,681	39,874
Australasia	6	35,249	28,209	3	15,519	25,228
Philippine Islands	10	63,568	77,954	14	79,508	110,621
Far East	51	247,829	382,803	9	52,600	55,960
Canadian intercoastal	2	9,072	14,445	1	5,234	7,685
East coast Canada and:						
South America	1	3,436	3,256	2	9,571	17,655
Australasia	4	21,223	19,506	1	5,286	7,929
Far East	3	19,207	22,431	.....	.....	.....
South American intercoastal	4	9,550	15,353	.....	.....	.....
East coast South America and:						
United States	2	10,793	13,371	1	5,007	6,484
Canada	2	9,440	9,800	.....	.....	.....
Far East	1	5,040	4,334	.....	.....	.....
Cristobal and:						
Central America	4	3,727	3,014	4	3,727	4,341
South America	11	7,239	2,725	12	7,212	8,569
West Indies and:						
United States	2	14,632	13,500	2	12,386	22,772
Canada	1	4,111	8,000	.....	.....	.....
South America	1	8,069	9,600	1	6,916	14,198
Australasia	1	4,766	7,851	.....	.....	.....
Europe and:						
United States	9	55,790	6,680	3	14,695	27,839
Canada	20	114,090	47,829	33	183,542	260,398
Central America	2	6,866	8,322	1	1,355	1,811
South America	19	111,535	57,038	24	140,113	214,056
Hawaiian Islands	.....	.....	.....	1	6,492	13,413
Australasia	8	74,267	43,071	6	45,388	40,743
Far East	1	13,865	.....	1	5,698	9,000
Egypt and South America	.....	.....	.....	3	12,209	23,265
Around the world	2	18,429	8,393	.....	.....	.....
Foreign vessels in ballast (United States intercoastal)	3	13,938	.....	.....	.....	.....
Vessels not engaged in commerce	[5] 2	903	.....	[6] 1	466	.....
Total	264	1,384,351	1,168,490	208	1,065,667	1,501,976

[5] One destroyer, 1,665 displacement tons, one dredge, and one yacht. [6] Yacht.

Origin and Destination of Cargo by Major Areas, June 1937

The following table summarizes the origin of cargo passing through the Canal in June 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Austral-asia	
North America:						
United States	329,393	21,622	465,992	21,247	28,209	866,463
Other North America	17,639	23,182	14,806	20,631	27,357	103,615
Europe	43,441	18,050	.....	51,195	43,071	155,757
Miscellaneous	23,532	295	4,230	14,598	.....	42,655
Total	414,005	63,149	485,028	107,671	98,637	1,168,490

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	386,005	33,009	114,873	4,135	538,022
Canada	22,397	6,281	168,676	739	198,093
Other North America	42,826	5,138	15,434	.....	63,398
South America	174,595	45,386	212,897	23,344	456,222
Australasia	29,652	4,220	40,028	.....	73,900
Asia	159,180	4,161	9,000	.....	172,341
Total	814,655	98,195	560,908	28,218	1,501,976

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during June 1937 or June 1936 are listed below:

Commodity	June		Commodity	June	
	1936	1937		1936	1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*	*Long tons*	*Long tons*
Asbestos	4,283	10,570	Asphalt and tar	839	11,270
Automobiles and parts	34,520	28,723	Canned goods	75,479	69,493
Canned goods, various	10,529	15,476	Coffee	13,055	14,687
Cement	9,312	24,049	Cold storage (food products) [7]	27,993	15,596
Chemicals	10,354	13,154	Copra	13,287	13,757
Coal and coke	25,346	14,285	Cotton, raw	14,163	13,389
Cotton, raw	16,406	5,683	Flour	24,773	33,797
Iron and steel	135,663	257,013	Fruit, dried	16,261	12,749
Machinery	10,362	15,047	Fruit, fresh [8]	23,376	7,487
Manufactured goods	10,606	13,927	Lumber	264,481	321,291
Metals, various	16,514	73,635	Metals, various	57,386	63,895
Molasses and syrups	157	14,130	Molasses and syrups	25,356	15,311
Oils, mineral	66,251	61,092	Nitrates	48,338	77,006
Ores	17,943	4,438	Oats	7,027	13,090
Paper	42,258	42,004	Oils, mineral	275,646	222,002
Phosphates	32,740	9,708	Oils, vegetable	14,668	21,360
Scrap metal	112,800	282,564	Ores	167,915	185,776
Sugar	12,629	15,969	Paper	9,488	42,004
Sulphur	15,818	19,503	Rubber, raw	12,242	5,904
Tinplate	36,185	31,089	Sugar	228,815	110,807
Wood pulp	7,102	12,706	Wheat	128,482	62,913
			Wood pulp	15,846	20,106
			Wool	19,148	10,529

[7] Does not include fresh fruit. [8] Does not include bananas.

Commodities in Detail

The following statement lists all commodites passing through the Canal during the month of June 1937, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics accordingly are not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	41	.....	56	6
Agricultural implements	1,210	109	4,853	111
Alfalfa meal	.....	593	.....	593
Ammonium compounds	50	23	4,244	223

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Animal foods [9]	25	188	25	194
Apparel, wearing (hats, shoes, clothing, etc.) [9]	246	6	246	28
Asbestos	613	.....	10,570	27
Asphalt and tar	174	11,020	854	11,270
Automobiles (and autotrucks)	2,876	167	20,478	177
Automobile parts and accessories	775	290	8,245	295
Bags and bagging, textile	205	123	541	123
Bamboo and products	.....	76	.....	437
Bananas	.....	.....	.....	3,861
Barks, miscellaneous	.....	7	77	219
Barley	.....	44	.....	5,824
Beans, edible, dry	120	2,798	155	8,284
Beer	919	.....	1,357	.....
Beverages, nonalcoholic	54	24	54	24
Blood and tankage	.....	.....	675	334
Bones and bone meal	23	.....	636	.....
Books and printed matter	45	.....	107	.....
Borax	.....	876	396	14,107
Bran	36	25	36	252
Bricks and tile	499	17	972	71
Canned and preserved goods:				
Fish	571	12,543	705	14,930
Fruit	2,976	27,376	3,111	38,499
Meat	57	175	3,382	598
Milk	130	484	446	678
Soup	4,626	225	4,747	225
Vegetables	1,025	8,879	1,178	8,919
Miscellaneous and unclassified	1,622	5,353	1,907	5,644
Carbon black	78	15	736	15
Celite	.....	2,071	.....	2,071
Cement	627	219	24,049	219
Chalk	.....	.....	1,529	.....
Charcoal	49	.....	68	.....
Chemicals [9]	4,657	1,580	13,154	2,485
Clay, china and fire	905	600	1,377	667
Coal	3,191	.....	7,627	259
Cocoa and cacao beans	283	.....	927	3,827
Coconuts and products [9]	247	1,067	734	1,067
Coffee	99	.....	4,138	14,687
Coke	.....	.....	6,658	.....
Cold storage and refrigerated products:				
Dairy products	100	656	307	5,440
Eggs	61	67	61	219
Fish	37	225	54	432
Lard	89	200	153	309
Meats	.....	79	185	8,555
Poultry	102	357	102	357
Vegetables	.....	203	7	224
Other and unclassified	13	60	31	60
Confectionery	637	38	682	38
Copra	.....	340	.....	12,550
Copra meal and cake	.....	.....	.....	1,207
Corn	.....	78	9,216	78
Cotton, raw	108	509	5,683	13,389
Creosote	120	.....	154	.....
Drugs and medicines	2,385	246	2,673	322
Dyes	.....	.....	372	.....
Earthenware	15	.....	164	441
Eggs, dried	12	.....	12	702
Electrical apparatus and appliances	1,911	261	2,100	321
Explosives	.....	.....	376	.....
Extract, quebracho	.....	.....	159	.....
Fertilizers [9]	70	140	406	439
Fish, salted or dry-cured	.....	.....	.....	4
Fish meal	.....	.....	.....	5,016
Floor coverings	2,086	1,981	2,354	2,259
Flour	100	28,482	722	33,797
Fruit, dried	20	6,744	69	12,749
Fruit, fresh [9]	.....	4,899	.....	7,487
Furniture and household goods	295	188	312	309
General	22,035	5,005	58,215	21,117
Glass and glassware	2,678	206	5,793	1,003
Glue	11	100	11	110
Grains, unclassified	.....	103	72	299
Groceries	931	498	1,113	849
Gums	37	293	37	493
Hair, all kinds	27	56	74	107
Hay	.....	.....	22	.....
Hemp, unmanufactured	87	87	119	2,616
Honey	.....	178	.....	332

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Horns and hoofs	.....	.....	137	.....
Infusorial earth	.....	886	33	1,198
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	154,202	827	257,013	939
Ivory nuts	.....	.....	422	2,283
Jute, unmanufactured	10	.....	489	.....
Lard substitute	278	.....	318	28
Lime	29	.....	75	.....
Liquors	3,468	512	4,939	539
Lumber (including manufactured mill products)	3,790	146,116	6,262	321,291
Machinery	3,876	1,127	15,047	1,657
Malt	24	.....	1,562	30
Manufactured goods [9]	7,316	518	13,927	2,612
Marble and granite	25	.....	287	.....
Matches	140	145	155	168
Metals:				
Antimony	.....	.....	.....	26
Copper	219	4,166	4,358	39,861
Gold and silver	.....	.....	.....	10
Iron	1,728	627	63,611	627
Lead	48	1,986	60	15,510
Tin	54	24	3,368	414
Zinc	106	21	998	6,347
Other and unclassified	309	.....	1,240	1,100
Milk, powdered	.....	714	20	1,004
Molasses and syrups	537	98	14,130	15,311
Nitrates	48	.....	2,639	77,006
Nuts, edible (including meats)	.....	44	265	438
Oats	25	543	33	13,090
Oils, mineral:				
Crude	312	.....	438	115,209
Gas and fuel	141	.....	22,011	21,554
Gasoline, benzine, and naphtha	6,338	37,135	8,562	64,173
Kerosene	.....	.....	.....	19,139
Lubricating and greases	15,520	1,888	30,081	1,927
Oils, vegetable:				
Coconut	.....	.....	100	9,686
Cottonseed	90	.....	1,422	1,520
Linseed	116	.....	255	.....
Olive	40	.....	304	.....
Peanut	.....	.....	.....	611
Rapeseed	.....	.....	.....	20
Wood	6	27	12	4,188
Other and unclassified	390	67	1,554	5,335
Oil, fish	11	471	125	525
Oil, whale	450	760	482	7,610
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	2,242	927
Oilseed cake and meal	.....	200	.....	5,274
Ores:				
Antimony	.....	.....	.....	556
Chrome	.....	.....	.....	26,320
Copper	.....	225	.....	4,222
Gold and silver	.....	.....	2	651
Iron	.....	446	1,064	123,257
Lead	.....	.....	.....	3,947
Magnesite	.....	671	10	821
Manganese	.....	596	23	13,831
Tin	.....	.....	.....	2,567
Zinc	18	.....	79	9,016
Other and unclassified	208	20	3,260	588
Paints and varnishes	1,306	163	3,500	280
Paper and paper products [9]	11,906	10,182	41,823	16,691
Paper scrap	.....	719	181	719
Peanuts	456	.....	456	.....
Peas, dry	.....	.....	.....	333
Peatmoss	.....	.....	225	.....
Phosphates	271	15	9,708	5,740
Porcelainware	401	543	1,145	3,926
Potash	.....	1,732	1,825	1,732
Pyrethrum flowers	.....	.....	.....	209
Rags and waste	282	823	2,225	3,415
Railroad material	78	.....	6,098	.....
Rice	242	206	552	1,369
Rope and twine	230	.....	1,331	582
Rosin	2,340	.....	8,123	25
Rubber:				
Manufactured	620	240	1,132	613
Raw	192	50	215	5,904
Scrap	.....	.....	185	590
Salt	247	324	3,236	324

[9] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Sand	4,039	.....	9,580	200
Scrap metal	306	679	282,564	2,024
Seeds (except oilseeds)	.....	173	1,196	579
Sewer pipe (concrete and terra cotta)	875	.....	885	.....
Shells, oyster	2,071	.....	2,071	168
Silk, raw	.....	628	28	2,675
Skins and hides	.....	2,726	29	5,811
Slag	.....	.....	720	30
Soaps and products	935	64	969	328
Soda and sodium compounds:				
Soda ash	2,008	.....	2,528	621
Soda, caustic	620	.....	1,576	.....
Miscellaneous and unclassified	903	.....	1,578	.....
Soy beans	278	.....	278	9,009
Sugar	93	10,395	15,969	110,807
Sulphur	19,222	.....	19,503	960
Talc	78	224	78	345
Tallow	.....	537	193	2,504
Tea	52	67	194	378
Textiles [10]	4,265	65	7,971	5,561
Tinplate	10,972	40	31,089	134
Tobacco and manufactures	453	7	5,176	286
Toilet preparations	185	.....	353	339
Turpentine	253	.....	879	.....
Vegetables, dry [9]	.....	.....	35	410
Wallboard	97	54	258	689
Wax, paraffin	27	.....	892	195
Wheat	.....	2,980	9	62,913
Wines	142	1,400	714	2,080
Wood pulp	29	15,891	12,706	20,106
Wool	26	4,966	235	10,529
Total, June 1937	329,393	386,005	1,168,490	1,501,976
Total, June 1936	259,106	437,896	821,420	1,638,332
Total, June 1935	196,963	354,745	672,198	1,408,519

[9] Except as otherwise classified. [10] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of June 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	8	46,208	16,279	4	24,731	[11] 48,062
East coast United States and:						
South America	2	4,767	1,956	1	1,140	.....
Hawaiian Islands	1	4,293	.....	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,902	[12] 6,690
East coast Canada and South America	.....	.....	.....	2	9,571	17,655
South American intercoastal	1	6,171	12,242	.....	.....	.....
West Indies and:						
United States	2	14,632	[13] 13,500	2	12,386	22,772
South America	1	8,069	9,600	1	6,916	14,198
Europe and:						
United States	6	39,300	.....	2	11,044	22,345
South America	5	27,745	.....	9	49,830	105,948
Hawaiian Islands	.....	.....	.....	1	6,492	[13] 13,413
Total	26	151,185	53,577	23	126,012	251,083

[11] 10,970 tons of asphalt. [12] Coconut oil. [13] Molasses.

Comparison of Canal Traffic in June 1937, with June Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of June			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[14] 140	498	567	1915	[15] 100	361	466
1916	120	381	483	1916	60	199	258
1917	165	528	630	1917	145	483	588
1918	166	574	629	1918	165	547	627
1919	154	517	586	1919	162	510	576
1920	190	704	834	1920	199	712	781
1921	189	761	695	1921	232	950	966
1922	222	970	977	1922	222	951	907
1923	412	2,036	2,096	1923	325	1,550	1,631
1924	374	1,927	2,023	1924	429	2,179	2,249
1925	365	1,753	1,920	1925	382	1,904	1,996
1926	401	1,988	2,133	1926	424	2,064	2,169
1927	433	2,151	2,228	1927	441	2,184	2,311
1928	473	2,227	2,139	1928	521	2,453	2,468
1929	494	2,351	2,423	1929	524	2,485	2,554
1930	468	2,357	2,147	1930	502	2,497	2,502
1931	384	2,057	1,757	1931	447	2,314	2,089
1932	318	1,742	1,404	1932	364	1,968	1,650
1933	341	1,900	1,690	1933	347	1,900	1,513
1934	366	2,018	1,767	1934	436	2,379	2,059
1935	405	2,134	2,081	1935	432	2,317	2,109
1936	481	2,449	2,460	1936	449	2,335	2,209
1937	472	2,450	2,670	1937	449	2,291	2,342

[14] Canal opened August 15, 1914. [15] Average for 10½ months.

Terminal Activities

Ships repaired during the month of June 1937 numbered 73; of this number 14 were drydocked. Fuel oil in the quantity of 230,349 barrels was delivered as bunkers to 117 commercial ships. Bunker coal amounting to 12,043 tons was delivered to 45 commercial ships. Sales of commissary supplies to ships aggregated $47,567.79.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving.....tons..	19,756	11,885	31,641
Local cargo shipped.....tons..	3,239	1,605	4,844
Cargo received for transshipment.....tons..	43,802	678	44,480
Cargo transshipped.....tons..	43,947	443	44,390
"Canal Zone for Orders" cargo:			
Number of receipts issued.....	6	6	12
Number of releases issued.....	29	25	54
Tons received.....	53	16	69
Tons withdrawn.....	31	9	40

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	557	3,213,712	1,926,858½	522	3,009,593	1,812,856
Vessels entering port but not transiting Canal.	57	287,211	162,873	8	54,447	29,206
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	136	862,317	498,494	82	543,665	306,107
Ships clearing						
All vessels, including those transiting Canal..	556	3,245,143	1,950,015½	518	2,998,539	1,803,457
Vessels clearing port but not transiting Canal.	57	287,167	162,824	8	54,447	29,206
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	135	863,311	500,358	82	556,061	312,144

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, June 10, 1937, to midnight, July 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Peten, 46, 70
Santa Rosa, 102, 14
Clio, 601, 354
Oropesa, 47, 1,748
Tivives, 529, 471
Manizales, 1,167, 234
San Marcos, 95, 14
Colombia, 143, 921
Ulua, 481, 365
Washington, 43, 95
Dinteldijk, 409, 30
Istmo, 721, 124
Simon Bolivar, ½, 1,035
Cordillera, 146, 14
Loriga, 71, 0
Trois Ilets, 248, 0
Atlas, 323, 130
Kiyosumi Maru, 447, 0
Cuba, 43, 1,101
Peten, 73, 409
Santore, 10,802, 0
Maja, 13,860, 0
Santa Inez, 111½, 7
Nuevo Panama, 83, 343
Virgilio, 8, 406
Contessa, 77, 577
Margaret Lykes, 762, 562
Munchen, 540, 354
R. L. Hustler, 1½, 0
Seattle, 135, 103½
Santa Maria, 165, 16¼
Valparaiso, 114, 0
Pereira, 1,228½, 889
Cissy, 60, 350
Bennekom, 303, 382
Guayaquil, 1,551, 821
Emma Bakke, 3, 0
Veragua, 90, 3
Ino, 541, 34
Bordeaux Maru, 975, 77
Santa Marta, 234, 102
Jefferson Myers, 57, 7
Istmo, 714, 89¼
Haiti, 192, 1,476
Toloa, 547, 561
Musician, 329, 9
Oregon, 98, 108
Durazzo, 10½, 281
Goslar, 550, 0
Cerigo, 1,168, 0
Koeln, 827, 292
Cacique, 3, 156
Cordillera, 4, 15
Canada, 10, 277
Veragua, 63, 2¼
Kiyokawa Maru, 1,010, 0
Nako Maru, 1,079, 1
Leme, 526, 496
Orduna, 113, 138
Santa Elena, 482, 53
Chincha, 96, 130
Olancho, 458, 432
President Lincoln, 32, ½
Crynssen, 44½, 23
Orazio, 80, 23¼
Cefalu, 216, 574
Laguna, 13, 4
Acajutla, 717, 843
City of Elwood, 619, 0
Ruhr, 38, 76
Orville Harden, 8,723, 0
Santa Clara, 696, 362¼
Santa Lucia, 321, 151
Weser, 444, 127
Rialto, 206, 0
Cristobal, 3,696, 859
Lochkatrine, 163, 206
Rhakotis, 33¼, 26
Genevieve Lykes, 236, 1,609
Smaragd, 130, 0
Quirigua, 107, 25
Santa Paula, 47, 291
Arawa, 0, 11
Metapan, 321, 398
Trois Ilets, 389, 22
San Pedro, 115, 430
Clio, 577, 166
Istmo, 730, 171
San Francisco, 120, 401
Crynssen, 0, 1,366
Calamares, 442, 847
Pastores, 110, 848
Hakubasan Maru, 0, 232
Tai Ping, 1,007, 124
Cali, 1,366, 628
Oakland, 250, 111
Elbe, 617½, 979
Wanderer, 306, 35
Lebore, 10,470, 0
West Ivis, 155, 34
Laristan, 11,730, 0
San Rafael, 119, 5
Quirigua, 6, 292
Leikanger, 54, 0
Nurnberg, 394, 218
Balboa, 0, 57
Santa Rita, 176, 53
Nuevo Panama, 67, 309
Patricia, 71, 183½
Contessa, 353, 545
Steelore, 8,772, 0
Arica, 98, 7
Anubis, 324, 5½
Pasajero, 0, 4
Barneveld, 485, 597
Mayan, 1,601, 1,186
Buenaventura, 1,812, 808
Virginia, 0, 4
Peten, 146, 15
Santa Inez, 630, 48
Canada, 0, 38
Kongo Maru, 475, 0
Hokuroku Maru, 957, 0
Alaska, 290, 60
Ino, 568, 182
Lochmonar, 52, 31
Sixaola, 551, 235
Port Hunter, 199, 0
Damsterdijk, 275, 613
Manizales, 1,194, 0
Cerigo, 34, 217
Trois Ilets, 370, 38
Lobos, 100, 0
Reina del Pacifico, 86, 711
Ulua, 464, 339
Colombia, 226, 1,068
Istmo, 716, 136
Colombia, 28, 96
Peter Maersk, 936, 55
Mantilla, 5,657, 0
Peten, 53, 53
Santa Rosa, 380, 17
San Gabriel, 848, 0
Sonnavind, 364, 0
Anhalt, 3, 25
Cefalu, 105, 825
Rhein, 3, 4
Salvador, 647, 0
Pacific, 0, 80
Abraham Lincoln, 3, 1,031
Sanyo Maru, 831, 7
Tirpitz, 11, 48
Phoenicia, 23, 1,209
Dusseldorf, 179, 112
Santa Clara, 2, 6
Santa Barbara, 515, 25
Dalfonn, 13,664, 0
Chilore, 11,222, 0
Ancon, 4,516, 0
Canadian Constructor, 334, 89
Erlangen, 1, 0
San Diego, 84, 489
Veragua, 77, 20
Santa Elena, 80, 57
Reaper, 1,361, 0
Arizona, 217, 382
Clio, 600, 84
Tivives, 783, 265
Saarland, 33, 165
Haiti, 175, 501
Toloa, 438, 476
Wyoming, 120, 120
Manizales, 910, 0
Colombia, 0, 864
Istmo, 714, 287
Nuevo Panama, 0, 182
Durazzo, 1,463, 0
Tacoma, 170, 340

BALBOA

Chiriqui, 446, 16
Hermonthis, 0, 0
Santa Lucia, 79, 18
Mayan, 0, 44
Ludington, 696, 299
Santa Barbara, 146, 44
Santa Rosa, 2, 33
Folkefjell, 11,184, 0
Talamanca, 380, 25
Denteldijk, 0, 56
Nansenville, 549, 1
Santa Inez, 5, 11
Rotterdam, 3,515, 1
Oliver Olsen, 4,320, 0
Santa Maria, 300, 14
President Harrison, 6, 10
Pennsylvania, 0, 179
Antigua, 312, 8
Santa Elena, 33, 1
Koln, 566, 15
Pereira, 0, 76
Chincha, 3, 0
Santa Clara, 88, 10
Santa Lucia, 70, 0
President Taft, 20, 0
Orville Harden, 9,827, 0
St. Mihiel, 105, 94
Santa Paula, 41, 33
Norfolk Maru, 550, 0
Heiyo Maru, 61, 0
Tai Ping, 229, 28
Acajutla, 0, 79
Chiriqui, 361, 48
Nurnberg, 277, 0
Santa Rita, 2, 0
Nitro, 16, 11
Port Hunter, 91, 0
Santa Inez, 60, 0
Virginia, 0, 178
Peter Maersk, 40, 0
Mayan, 0, 41
Talamanca, 362, 13
Indra, 69, 0
Santa Rosa, 64, 7
Dusseldorff, 132, 0
Salvador, 1, 0
Santa Barbara, 56, 2
Santa Clara, 26, 1
Santa Maria, 11,691, 6
Meton, 10,340, 0
Eagle, 9,127, 0
Santa Elena, 80, 3

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 1,965; embarking 2,182; at Balboa, 961 disembarking and 1,083 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,999, from the Pacific to the Atlantic, 3,858. Aircraft numbering 55 entered Cristobal, and 226 passengers disembarked; clearances were 54, with 191 passengers embarking; at Balboa entries of aircraft were 55, with 113 passengers disembarking; clearances, 55, with 109 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.25 per barrel at Cristobal and Balboa; Diesel oil, $1.80 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight June 10, 1937, to midnight July 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Rangitiki [2]	10	11	Brit.	N. Z. Shipping Co.	London, England	Bluff, N. Z.	General	4,379
Drayton [9]	9	11	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Paul Luckenbach	10	11	Amer.	Luckenbach Line	Philadelphia, Pa.	Tacoma, Wash.	General	4,083
Ferncliff [2]	10	11	Nor.	Mitsubishi Shoji K.	Mobile, Ala.	Yawata, Japan	Scrap iron	7,207
Norden [2]	10	11	Dan.	K. K. K. Line	Nakskov, Den.	Los Angeles, Cal.	Ballast	.....
President de Vogue. [1] [2]	11	13	Nor.	Comp. des Prod. Chem. et Raff. de Berre	Marseilles, France	Talara, Peru	Ballast	.....
Santa Rosa	11	12	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	3,108
Omah [5]	...	...	Amer.	Otis Barton	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Minerva [2]	11	...	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Iquique, Chile	Ballast	.....
Risanger	11	12	Nor.	State Marine Corp.	Wilmington, N.C.	Yokohama, Japan	Scrap iron	7,850
Miralda [1] [2]	12	12	Neth.	Anglo-Saxon Pet. Co.	Preston, England.	Los Angeles, Cal.	Ballast	.....
Trimountain [1]	12	12	Amer.	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Oregonian	12	12	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	4,025
Norlys [1] [2]	12	12	Pan.	H. P. Drewry	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
British Monarch	12	12	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	7,345
San Marcos	12	12	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	4,351
Clio [2]	11	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	321
Amerikaland [2]	12	13	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Oropesa	11	13	Brit.	Pacific Stean Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	3,731
Washington [2]	12	13	Fr.	French Line	Le Havre, France	Vancouver, B. C.	General	8,805
Losmar	12	13	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,000
Lihue	13	13	Amer.	Matson Nav. Co.	Philadelphia, Pa.	Honolulu, T. H.	Steel, gen.	5,180
Dinteldijk [2]	12	14	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	7,559
Noto Maru [2]	13	13	Japan.	Nippon Yusen Kaisha.	New York, N. Y.	Kobe, Japan	Steel, oil, gen.	8,397
Steel Navigator	13	13	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Shanghai, China.	Steel, tin, gen	8,579
Mount Taurus	13	13	Greek.	Mitsubishi Shoji K.	New Orleans, Ka.	Yawata, Japan	Scrap iron	8,700
Trondanger [2]	13	14	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	44
Lossiebank [2]	13	13	Brit.	Bank Line, Ltd	Baltimore, Md.	Moji, Japan	Steel prod.	4,750
Coatzacoalcos [1] [3]	13	14	Brit.	Mexican Government.	Renfrew, England	Mazatlan, Mex.	Ballast	.....
Manizales	11	13	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	213
Cape Howe	13	13	Brit.	Gulf-States S. S. Co.	Houston, Tex.	Osaka, Japan	Scrap iron	6,059
Absaroka	13	13	Amer.	McCormick S. S. Co.	New York, N. Y.	Los Angeles, Cal.	General	6,350
Edgar F. Luckenbach.	13	14	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	10,540
Port Bowen	12	14	Brit.	Port Line	London, England	Wellington, N. Z.	General	6,000
Alexander Hamilton. [14]	12	17	Amer.	U. S. Coast Guard	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Lady Sylvia [2]	7	14	Brit.	Union S. S. Co.	Glasgow, Scotland	Vancouver, B. C.	Ballast	.....
Toho Maru	13	14	Jap.	Yamashita Line	Boston, Mass.	Japan	Scrap steel	6,447
Redgate	13	14	Brit.	Melville, Vancouver	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Istmo	12	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	210
Port Adelaide	13	14	Brit.	Port Line	Philadelphia, Pa.	Fremantle, Aust.	General	5,821
Nansenville [2]	13	14	Neth.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	6,680
Mercury Sun [2]	14	14	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Athelmonarch [1] [2]	14	14	Brit.	General Pet. Corp.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Constance Chandler.	14	15	Amer.	Isthmian S. S. Lines	New York, N. Y.	Los Angeles, Cal.	Steel, gen.	7,578
Dunkeld [2]	14	14	Brit.	Isthmian S. S. Lines	Baltimore, Md.	Osaka, Japan	Steel	8,690
Trois Ilets	13	14	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	.....
Ino [2]	4	14	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Maria Cristina [3]	4	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Lapwing [10]	1	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Salvador	9	15	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	541
Thistelford	14	15	Brit.	C. Czarknow Line	La Romana, Dom. Rep.	Auckland, N. Z.	Sugar	7,851
Mauna Kea	14	15	Amer.	Isthmian S. S. Lines	Baltimore, Md.	S. Francisco, Cal.	Iron, steel	5,327
Alabaman	14	15	Amer.	Amer.-Hawaiian Line.	Wilmington, N.C.	Seattle, Wash.	General	6,008
El Aleto [1] [2]	15	15	Brit.	C. T. Bowring & Co.	Liverpool, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Virginian	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	4,033
Hazelside	15	15	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	7,100
Idomeneus [2]	15	16	Brit.	Mont.-Aust.-N.Z. Line	Three Riv., Can.	Brisbane, Aust'lia	Newsprint	4,890
Pacific	15	16	Amer.	Weyerhaeuser S. S. Co	Philadelphia, Pa.	Seattle, Wash.	Steel, gen.	1,800
Kastor	15	16	Greek.	Mitsubishi Shoji K.	Savannah, Ga.	Yawata, Japan	Scrap iron	9,831
Southern Sun [1] [2]	16	16	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Magnolia [1]	16	16	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Ward [2]	16	16	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Hongkong, China.	Steel, tin, gen	7,085
Mobile City	16	16	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	8,814
Nuevo Panama [2]	15	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Puntarenas, C. R.	Gen., gasoline	250
Julia Luckenbach.	16	16	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., paper	3,372
Santore	14	16	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	.....
Sambu [2]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Valparaiso [2]	16	17	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,052

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] Dredge. [14] Coast Guard cutter.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Sessa	17	17	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,630
Kayeson	17	17	Brit.	Canadian Transp. Co.	Kingston, Jam.	Vancouver, B. C.	Sugar	8,000
Santa Maria [2]	16	18	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,079
Hamakua	17	17	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	Steel, tin, gen.	5,428
City of Delhi	17	18	Brit.	Ellerman & Bucknall	Montreal, Canada	Adelaide, Aust'lia	General	6,241
Seattle [2]	16	17	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Portland, Oreg.	General	7,655
Cydonia	17	17	Brit.	Jos. Robinson & Sons.	Charleston, S. C.	Mazatlan, Mex.	Ballast	.....
Enoch [3]	17	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
President Harrison.	18	18	Amer.	Dollar Line	New York, N. Y.	Round the world.	General	3,572
Pennsylvania	18	19	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,681
Bennekom	17	18	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,153
Cissy	17	18	Nor.	Grace Line	Pto. Colombia	Callao, Peru	General	350
Kwansai Maru [2]	17	18	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,434
Baron Inchcape	17	18	Brit.	Mitsui Line	Philadelphia, Pa.	Yokohama, Japan	Pig iron	9,515
Emma Bakke [2]	18	18	Nor.	Knut Knutsen Line	Goth'burg, Swed.	Valparaiso, Chile.	General	2,700
Forbes Hauptman	18	18	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,566
Asosan Maru [2]	18	19	Jap.	Mitsui & Co.	Boston, Mass.	Moji, Japan	Gen., rosin	7,799
Teal [6]	17	...	Amer.	R. L. Williston	Key West, Fla.	Balboa, C. Z.	Ballast	.....
Don Jose	18	19	Phil.	Madrigal & Co.	New York, N. Y.	Manila, P. I.	Pig iron, gen.	15,414
Sorvard [2]	19	19	Nor.	Hasegawa & Co.	Boston, Mass.	Kamaishi, Japan.	Scrap iron	6,615
Iowan	19	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,729
Parthenia	19	19	Brit.	Donaldson Bros.	Glasgow, Scotland	N. Westm'er, B.C.	General	959
Ino [2]	18	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	33
Flomar	19	19	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,886
Jefferson Myers	19	19	Amer.	States S. S. Co.	Albany, N. Y.	Seattle, Wash.	Gen., coal	4,910
Novasli	19	20	Nor.	N. Atl. & Gulf S. S. Co	Houston, Tex.	Guaymas, Mexico	Ballast	.....
Pacific President [2]	20	21	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General	1,122
Shunten Maru [2]	20	20	Jap.	Mitsui Line	Baltimore, Md.	Yokohama, Japan	Pig iron	8,189
Pilgrim [6]	19	22	Amer.	Philip H. Lord	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Helmspey	20	20	Brit.	Mitsubishi Shoji K.	Mobile, Ala.	Kobe, Japan	Scrap iron	7,412
Anna Maersk [2]	20	20	Dan.	Isbrandtsen MollerCo.	Boston, Mass.	Manila, P. I.	General	7,023
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	175
Durazzo	19	20	Ger.	Hamburg-Amer. Line.	Rio Hacha, Col.	Guayaquil, Ecua.	General	1,087
Lamson [9]	21	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
Koln	19	22	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	9,088
Treberbert	20	21	Brit.	Morel, Ltd	New Orleans, La.	Osaka, Japan	Scrap iron	7,417
City of Bagdad	20	21	Brit.	City Line	New York, N. Y.	Adelaide, Aust'lia	General	5,183
Norbris [1] [2]	20	21	Pan.	J. Rasmussen & Co.	London, England	LaLibertad, Ecua.	Ballast	.....
Jane Christenson.	21	21	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,295
Steel Worker	21	21	Amer.	Isthmian S. S. Lines	Portland, Oreg.	Seattle, Wash.	General	6,935
Tonsbergfjord [2]	21	21	Nor.	West Coast Line	Pt. Alfred, Canada	Talcahuano, Chile	Newsprint	3,256
Michael L. Embiricos.	21	21	Greek.	J. G. Embiricos	Boston, Mass.	Kamaishi, Japan.	Scrap iron	6,976
Brattdal [2]	21	21	Nor.	A/S Rendal	Mobile, Ala.	Kobe, Japan	Scrap iron	8,206
Pereira	16	22	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	902
Luna [2]	21	21	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Katrina Luckenbach.	21	22	Amer.	Luckenbach Line	New Orleans, La.	Tacoma, Wash.	General	7,891
King Edwin [2]	21	22	Brit.	Canadian Trad. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Point Salinas	22	22	Amer.	Gulf-Pacific Line	Panama City, Fla.	Seattle, Wash.	General	6,871
Wildwood	22	22	Amer.	Amer.-For. S. S. Co.	Pt. Sulphur, La.	Everett, Wash.	Sulphur	7,300
Chincha	21	22	Amer.	Grace Line	Baltimore, Md.	Talcahuano, Chile	([13])	3,187
Moorcot	22	23	Brit.	McGowen & Gross	Norfolk, Va.	Yawata, Japan	Scrap steel	7,859
Dilworth [1]	22	22	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Pennsylvanian	22	22	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,303
Heimvard [2]	22	22	Nor.	Charles Dreifus Co.	Houston, Tex.	Nagoya, Japan	Scrap iron	8,044
Killerig [4]	22	23	Pan.	Merritt-Chapman	Kingston, Jam.	B'ventura, Col.	Ballast	.....
Orazio [2]	22	23	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile.	General	465
Laguna [2]	22	23	Brit.	Pacific Steam Nav. Co.	Hull, England	Talcahuano, Chile	Gen., coal	6,812
New Westminster City.	22	23	Brit.	Mitsubishi & Co.	Port Everglades, Fla.	Yokohama, Japan	Scrap iron	8,233
Baru	22	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Baldhill [1]	22	23	Amer.	Pennsylvania Ship. Co	Fall River, Mass.	Los Angeles, Cal.	Ballast	.....
Bethore	22	23	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Sambu [2]	22	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	22	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
President Taft	24	25	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	General	5,383
Weser [2]	23	24	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	8,131
Carolinian	24	24	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	Gen., steel	5,209
Caledonia [1] [2]	24	24	Nor.	Lorentzen's Rederi Co.	Rouen, France	Los Angeles, Cal.	Ballast	.....
Nyhorn [2]	24	24	Nor.	Knutsen Line	Glasgow, Scotland	Los Angeles, Cal.	Passengers	.....
Orville Harden [1] [2]	23	25	Pan.	Standard Oil of N. J.	Aruba, N. W. I.	Talara, Peru	Fuel oil	9,600
K. I. Luckenbach.	24	24	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,128
Santa Lucia	23	25	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	3,001
Tapti	24	24	Brit.	States Marine Corp.	Texas City, Tex.	Moji, Japan	Scrap iron	6,400
Rialto [2]	23	24	Ital.	Italia S. A. di Nav.	Trieste, Italy	Vancouver, B. C.	General	1,453

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [9] Destroyer. [13] General, steel, coke.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Antigone	24	25	Brit.	Commer'l Metals, Inc.	Brownsville, Tex.	Osaka, Japan	Scrap iron	7,705
Lieut. Col. H. C. Schumm.[4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Mallard[10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Frank[3]	24	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	.....
Rhakotis[2]	24	25	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,698
Susana	24	25	P. I.	Dreyfus & Co.	Houston, Tex.	Yawata, Japan	Scrap iron	7,646
Norne[2]	24	25	Nor.	States Marine Co.	Baltimore, Md.	Moji, Japan	Steel plates	6,525
Waimana	24	25	Brit.	Shaw, Savill & Albion	Liverpool, Eng.	Auckland, N. Z.	General	7,900
Malayan Prince[2]	24	25	Brit.	Prince Line, Ltd.	New York, N. Y.	Osaka, Japan	General	6,940
W. R. Keever	25	25	Amer.	Texas Gulf Sul. Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,400
Hanover	25	25	Amer.	Lykes Bros.-Ripley	New Orleans, La.	Cebu, P. I.	Cotton, gen.	8,532
Wind Rush	25	25	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	5,077
Marore	25	25	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Santa Paula	25	26	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,436
Admiral Senn	25	26	Amer.	Bulk Carriers Corp.	Galveston, Tex.	Belling'm, Wash.	Sulphur	4,314
Captain Harry[5]	22	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Arawa	25	26	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	4,891
Perene	25	26	Peru.	C. P. V. D.	Iquitos, Peru	Callao, Peru	Lumber, gen.	1,327
Alaskan	26	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,342
Iocoma[1]	26	26	Brit.	International Pet. Co.	Baytown, Tex.	Talara, Peru	Gasoline	1,956
Trekieve	26	26	Brit.	Chile Nit. Sales Corp.	Baltimore, Md.	Chile	Ballast	.....
Trois Ilets	25	26	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	16
Clio[2]	25	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	152
Istmo	25	26	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	300
San Francisco	26	26	Fr.	French Line	Havre, France	Vancouver, B. C.	General	7,190
West Camargo[13]	25	...	Amer.	McCormick S. S. Co.	High seas	Balboa, C. Z.	Lumber, gen.	6,484
City of Shanghai	26	27	Brit.	Ellerman-Hall Line	New York, N. Y.	Sydney, Aust'lia	General	3,748
Hakubasan Maru[2]	26	27	Jap.	Osaka Shosen Kaisha.	BuenosAires, Arg.	Kobe, Japan	(16)	4,334
Baru[2]	26	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Den Haag[1 2]	26	27	Neth.	Standard Oil of N. J.	Scheidam, Neth.	Talara, Peru	Ballast	.....
Maine	27	27	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Hawaiian Is.	General	5,755
Acajutla	22	27	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	843
Nokomis[14]	24	...	Amer.	U. S. Navy	Morresqu'la, Col.	Balboa, C. Z.	Ballast	.....
Emergency Aid	27	27	Amer.	McCormick S. S. Co.	Wilmington, Del.	Seattle, Wash.	Steel, gen.	3,458
Fresno Star	27	27	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
J. L. Luckenbach	27	27	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	Gen., steel	3,246
Greystoke Castle[2]	27	27	Brit.	Barber Line	New York, N. Y.	Yawata, Japan	(17)	5,304
Steel Exporter	27	27	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	(18)	7,593
Persephone[1 2]	27	28	Pan.	W. Tankschiff Rhed'i.	Caripito, Venez.	Tocopilla, Chile	(19)	12,242
Sambu[2]	26	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira[2]	26	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Omaha[12]	25	...	Amer.	U. S. Navy	Aruba, N. W. I.	Balboa, C. Z.	Ballast	.....
Skeena[9]	28	7–2	Brit.	Canadian Govt.	Halifax, N. S.	Esquimalt, B. C.	Ballast	.....
West Ivis	27	28	Amer.	McCormick S. S. Co.	Rosario, Arg.	Los Angeles, Cal.	Coffee, gen.	4,832
City of Evansville	28	28	Brit.	Ellerman Line, Ltd.	New York, N. Y.	Shanghai, China	General	8,978
Hwa Dah	27	29	China.	Wha Dah S. S. Co.	New York, N. Y.	Yawata, Japan	Scrap steel	2,912
Maud[2]	27	28	Nor.	Hjalmar Roed & Co.	Philadelphia, Pa.	Kobe, Japan	Pig iron	5,229
San Rafael	28	28	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,400
Kano Maru[2]	28	28	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Yokohama, Japan	(20)	7,528
Northumberland	28	29	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	7,741
Lebore	27	28	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Ekaterini Coumantarou.	28	28	Greek.	Gulf States S. S. Co.	Houston, Tex.	Osaka, Japan	Scrap iron	10,604
Cali	26	29	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	571
Leikanger	28	29	Nor.	General S. S. Corp.	BuenosAires, Arg.	Vancouver, B. C.	General	3,429
Luna[2]	28	28	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Marisa[1 2]	28	29	Neth.	Shell Oil Co.	Rotterdam, Neth	Los Angeles, Cal.	Ballast	.....
Point Caleta	28	30	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	6,698
Iella[6]	28	30	Amer.	W. A. Markley	Miami, Fla.	B'ventura, Col.	Ballast	.....
Tornus[1 2]	29	29	Brit.	Anglo-Saxon Pet. Co.	Ellesm'rePt., Eng.	Los Angeles, Cal.	Ballast	.....
Nurnberg[2]	28	30	Ger.	North German Lloyd.	Hamburg, Ger.	Talcahuano, Chile	General	6,796
King Gruffyd	29	29	Brit.	Charles Dreyfus Co.	New York, N. Y.	Kamaishi, Japan.	Scrap steel	6,926
Mexican	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,076
M-101[5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Col. Riche[5]	11	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Trinidad[5]	28	...	Amer.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z.	(21)	.....
Athelsultan[1 2]	29	30	Brit.	Pacific Molasses Co.	Habana, Cuba	S. Francisco, Cal.	Molasses	13,500
Patricia[2]	29	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General	2,529
Willmoto[2]	29	30	Amer.	Amer.-Hawaiian Line.	N. London, Conn.	Seattle, Wash.	General	3,028
Hegira	29	30	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	Steel, gen.	7,875
El Ciervo[1]	29	30	Brit.	C. T. Bowring & Co.	Donges, France	Lobitos, Peru	Ballast	.....
Moldanger[2]	30	30	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	General	25
Anglo Peruvian	30	30	Brit.	Anglo-Can. S. S. Co.	Newport, England	Vancouver, B. C.	Ballast	.....
Chickasaw City	30	7–1	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Los Angeles, Cal.	Steel	6,586
Maracay[1 13]	30	...	Brit.	Lago Shipping Co.	Aruba, N. W. I.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [9] Destroyer. [10] Minesweeper. [12] Cruiser. [13] Balboa Shops for drydocking. [14] Survey ship. [15] For bananas and return to Cristobal. [16] General, cotton, wool. [17] General, scrap steel. [18] Steel products, general. [19] Fuel and Diesel oil. [20] Steel, pulp, general. [21] Towing barge from Gatun.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Lincoln Ellsworth.[1] [2]	30	30	Nor...	Itaca C'mp. Agen. Para la Elab. de Prod. Pet.	Galveston, Tex..	Cabo Bl'co, Peru.	Ballast.....	.....
Nuevo Panama[3].	29	30	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Pedregal, R. P...	General.....	250
Sambu[2].....	29	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Sona[2].....	29	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Col. Riche[5].....	29	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....
Pen-Y-Bryn.....	30	1	Chin..	Mitsui Line.....	Boston, Mass....	Yokohama, Japan	Pig iron....	8,113
Llanarth.....	30	1	Brit...	Mitsui Line.....	Savannah, Ga...	Yawata, Japan..	Scrap iron..	7,748
Santos Maru[2]....	1	2	Jap...	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan....	Gen., cotton.	4,432
Golden Cloud.....	30	1	Amer..	Matson Nav. Co.....	Baltimore, Md...	Hilo, T. H.....	([14])	3,451
Marna.....	1	1	Dan...	J. Lauritzen.....	New York, N. Y.	Talcahuano, Chile	General.....	1,660
Harry Luckenbach	1	1	Amer..	Luckenbach Line....	New York, N. Y.	Seattle, Wash...	General.....	4,100
San Francisco Maru.	1	1	Jap...	Mitsui Bussan Kaisha	Baltimore, Md...	Kenjiho, Japan..	Scrap steel..	7,760
Angol.....	1	1	Chile..	Chile N. Amer. Line.	New York, N. Y.	Valparaiso, Chile.	General.....	4,939
Queen City.....	1	1	Brit...	Mitsubishi Shoji K...	Palm Beach, Fla.	Kobe, Japan....	Scrap iron...	7,827
Col. Riche[5].....	30	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Enoch[3].....	1	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z[13]...	.....	.....
President Polk...	2	2	Amer..	Dollar Line.....	New York, N. Y.	Round the world.	Gen., mach..	3,497
Tregarthen.....	1	2	Brit...	Hain S. S. Co.....	Norfolk, Va.....	Vancouver, B. C.	Ballast.....	.....
Filleigh.....	1	2	Brit...	Atl. Ship. & Trad. Co.	Barry, England..	Vancouver, B. C.	Ballast.....	.....
Virginia.....	2	3	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General.....	2,503
Nankai Maru[2]...	2	2	Jap...	Osaka Shosen Kaisha.	Boston, Mass....	Kobe, Japan....	([15])	8,458
Eleonora Maersk[1] [2]	1	2	Dan...	Shell Oil Co.....	Curacao, N.W.I..	Los Angeles, Cal.	Ballast.....	.....
Silverteak[2].....	2	2	Brit...	Silver Line, Ltd.....	Halifax, N. S....	Hongkong, China	Steel, gen...	5,720
Santa Inez[2].....	2	3	Amer..	Grace Line.....	New York, N. Y.	Valparaiso, Chile.	Iron, oil, gen.	2,724
Steelore.....	30	3	Amer..	Ore S. S. Corp.....	Newp't News, Va.	Cruz Gr'de, Chile	Ballast.....	.....
Col. Riche[5].....	1	3	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....
Barneveld.....	1	3	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Corral, Chile....	General.....	4,965
Everett.....	2	3	Amer..	McCormick S. S. Co..	New York, N. Y.	Seattle, Wash...	Steel, gen...	3,113
Beloit[3].....	2	3	Hond..	W. M. Eden.....	Port Limon, C. R.	Amapala, Hond..	Ballast.....	.....
Ino[2].....	2	3	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	165
Minnesotan.....	3	3	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	3,863
Tasmania[2].....	3	3	Dan...	Isbrandtsen Moller Co.	Baltimore, Md...	Manila, P. I.....	General.....	6,670
Alaska.....	2	3	Fr....	French Line.....	Havre, France...	Valparaiso, Chile.	General.....	587
Pacific Exporter[2].	4	4	Brit...	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General.....	748
Bente Maersk[1] [2].	4	4	Dan...	A. P. Moller.....	Amsterdam, Neth.	Los Angeles, Cal.	Creosote....	7,974
Yomachichi[2].....	4	4	Amer..	Roosevelt S. S. Co...	Philadelphia, Pa.	Adelaide, Aust...	General.....	5,320
Manizales.....	3	4	Ger...	North German Lloyd.	Cristobal, C. Z..	Puntarenas, C. R.	Ballast.....	.....
Cerigo.....	3	4	Ger...	Hamburg-Amer. Line.	Manaure, Col...	Guayaquil, Ecua.	([16])	1,063
Tuscaloosa City..	4	4	Amer..	Isthmian S. S. Lines..	Portland, Me....	Seattle, Wash...	General.....	6,602
Mayan.....	1	5	Amer..	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General.....	1,188
Trois Ilets.....	3	4	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	39
Reina del Pacifico[2]	3	4	Brit...	Pacific Steam Nav. Co.	Liverpool, Eng..	Valparaiso, Chile.	General.....	2,841
Istmo.....	3	5	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	225
City of Glasgow..	4	5	Brit...	Mont.-Aust.-N.Z. Line	Montreal, Canada	Bluff, N. Z.....	General.....	4,152
Damsterdijk[2]....	2	5	Neth..	Holland-Amer. Line..	Rotterdam, Neth.	Vancouver, B. C.	General.....	6,068
Point Brava.....	5	5	Amer..	Swayne & Hoyt.....	Houston, Tex...	Seattle, Wash...	General.....	5,263
Elisabeth Bakke[2].	5	5	Nor...	Scand.-S. Pacific Line.	Goth'burg, Swed.	Valparaiso, Chile.	Gen., paper.	2,420
Erviken.....	5	5	Nor...	Polaris Ship. Co.....	Baltimore, Md...	Osaka, Japan....	Steel prod...	9,857
Luna[2].....	5	5	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Darien, R. P.....	General.....	3
San Gabriel.....	5	6	Amer..	Pac.-Atl. S. S. Co....	New York, N. Y.	Seattle, Wash...	General.....	3,215
Dryden.....	6	6	Amer..	Lykes Bros.-Ripley...	Mobile, Ala.....	Cebu, P. I.....	General.....	7,878
Talisse[2].....	6	6	Neth..	Royal Neth. S. S. Co.	New Orleans, La.	Sourabaya, D.E.I.	([17])	8,962
Stamatios G. Embiricos.	5	6	Greek.	Anglo-Can. S. S. Co..	Boston, Mass....	Vancouver, B. C.	Ballast.....	.....
Montreal Maru...	6	6	Jap...	Kawasaki K. Kaisha.	New York, N. Y.	Yokohama, Japan	Phos., scrap.	7,780
Anhalt.....	6	6	Ger...	North German Lloyd.	New Orleans, La.	Dunedin, N. Z...	Oil, sulphur.	7,166
Texan.....	6	7	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Tacoma, Wash..	General.....	2,496
King Neptune[2]..	6	7	Brit...	J. J. Moore & Co....	Valencia, Spain..	Brit. Columbia..	Ballast.....	.....
Flusser[9].....	7	8	Amer..	U. S. Navy.....	Norfolk, Va.....	San Diego, Calif.	Ballast.....	.....
Reid[9].....	7	8	Amer..	U. S. Navy.....	Norfolk, Va.....	San Diego, Calif.	Ballast.....	.....
Maron[2].....	7	7	Brit...	Alfred Holt & Co....	Kingston, Jam...	Shanghai, China.	General.....	4,887
Oliver Olson.....	6	7	Amer..	Oliver J. Olson & Co..	Freeport, Tex...	Oakland, Calif...	Sulphur.....	3,023
Hallaren[2].....	6	7	Swed..	Transatlantic S. S. Co.	Lagos, W. Africa.	Los Angeles, Cal.	Palm kernels	4,334
Pacific[2].....	7	7	Swed..	Johnson Line.....	Stockholm, Swed.	Vancouver, B. C.	([18])	3,065
Lena Luckenbach.	7	7	Amer..	Luckenbach Line....	Houston, Tex....	Seattle, Wash...	General.....	4,305
Siljestad[2].....	7	7	Nor...	Fern Line.....	Philadelphia, Pa.	Osaka, Japan....	Pig iron....	7,232
Australien[2].....	7	7	Dan...	East Asiatic Co.....	New Orleans, La.	Osaka, Japan....	Scrap iron...	9,111
Sambu[2].....	6	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Sona[2].....	6	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Tirpitz.....	7	8	Ger...	Hamburg-Amer. Line.	Mobile, Ala.....	Osaka, Japan....	Cotton, phos.	9,306
Noshiro Maru[2]..	7	8	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Yokohama, Japan	Lub. oil, gen.	8,117
Levernbank[2].....	7	8	Brit...	Tex. Gulf Sulphur Co.	Galveston, Tex..	Sydney, Aust....	Sulphur.....	7,700
Mamari.....	8	8	Brit...	Shaw, Savill & Albion	London, England	N. Plymouth, N.Z.	General.....	7,655
Indianan.....	8	8	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash...	General.....	2,566
Rangitata[2].....	8	8	Brit...	N. Z. Shipping Co....	London, England	Wellington, N. Z.	General.....	5,970

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] For bananas and return to Cristobal. [14] Automobiles, fertilizer. [15] General, steel, tin, etc. [16] Salt, general, gasoline. [17] Iron ingots, scrap. [18] Paper, general, pulp.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Uyo Maru [2]	8	8	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Yokohama, Japan	Steel, lub. oil	8,841
Santa Clara	7	9	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	3,193
Danmark [1] [2]	8	9	Dan.	Standard Oil Co.	London, England	Talara, Peru	Ballast	.....
Exeter [12]	9	11	Brit.	British Government	Trinidad, B. W. I.	Victoria, B. C.	Ballast	.....
Massmar	6	9	Amer.	Calmar Line	New York, N. Y.	Los Angeles, Cal.	Steel, gen.	7,667
Erlangen	8	9	Ger.	North German Lloyd.	New Orleans, La.	Adelaide, Aust'lia.	([14])	8,170
Kurama Maru [2]	8	9	Jap.	Kokusai Line	New York, N. Y.	Kobe, Japan	General	8,674
Pericles [1] [2]	8	9	Nor.	Kawasaki K. Kaisha	Rotterdam, Neth.	LaLibertad, Ecua.	Ballast	.....
Meton [1]	9	...	Amer.	Asiatic Petroleum Co.	Curacao, N. W. I.	Balboa, C. Z.	Fuel oil	10,340
Athelduchess [1] [2]	9	9	Brit.	Asano Bussan Co.	Havre, France	Los Angeles, Cal.	Ballast	.....
John Bakke [2]	9	9	Nor.	Knut Knutsen O.A.S.	Goth'burg, Swed.	Vancouver, B. C.	Ballast	.....
Barbara Cates	9	9	Amer.	Sudden & Christenson	Baltimore, Md.	Portland, Oreg.	General	5,345
Chilore	7	9	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile.	Ballast	.....
Santa Elena	9	10	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,606
Olney [1]	9	9	Amer.	Penn. Shipping Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
Arizona	9	10	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	2,447
Athos [1]	9	10	Nor.	Berhard Hanssen	Antwerp, Belg.	Los Angeles, Cal.	Ballast	.....
Hawaiian	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,463
Nellie	10	10	Greek.	Chile. Nit. Sales Corp.	Po'keepsie, N.Y.	Tocopilla, Chile.	Ballast	.....
Inneroy [1] [2]	10	10	Nor.	Kawasaki Line	London, England	S. Francisco, Cal.	Ballast	.....
Glittre [1] [2]	10	10	Nor.	General Pet. Corp.	Curacao, N. W. I.	S. Francisco, Cal.	Ballast	.....
Lylepark	10	10	Brit.	J. & J. Denholm	New Orleans, La.	Yokohama, Japan	Scrap	7,475
Clio [2]	9	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	77
Anglo Australian	10	10	Brit.	Australian Disp. Line.	Barry, England	Brit. Columbia	Ballast	.....
Frank [3]	7	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z [13]	.....	.....
Saarland	10	11	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,653
L-52 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mount Atlas	11	11	Greek.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Lumber	7,300
San Gil	11	11	Pan.	United Fruit Co.	Pt. Arm'les, R. P.	Mobile, Ala.	Bananas	748
Floridian	11	11	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Charleston, S. C.	General	8,907
Clio [2]	11	12	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	545
Manizales	11	13	Ger.	Hapag-Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,061
Wichita [2]	11	11	Amer.	Roosevelt S. S. Co.	Whyalla, Aust'lia	New York, N. Y.	General	7,929
Luna [2]	11	11	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	8
Sidney M. Hauptman.	11	12	Amer.	McCormick S. S. Co.	S. Francisco, Cal.	Norfolk, Va.	General	6,164
Liberty Glo.	12	12	Amer.	Amer.-For. S. S. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	3,760
Montanan	12	12	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,790
Aase Maersk [1] [2]	12	12	Dan.	H. P. Drewry	La Libertad, Ecua	Donges, France	Crude oil	9,185
Istmo	12	14	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	654
Miramar [5]	12	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Akaroa	12	13	Brit.	Shaw, Savill & Albion.	Wellington, N. Z.	London, England	Frozen, gen.	6,257
Trois Ilets	12	14	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	215
Point Judith	12	13	Amer.	Swayne & Hoyt	Portland, Oreg.	PanamaCity, Fla.	Lumber, gen.	5,241
Kiyosumi Maru [2]	12	14	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	10,694
Fernbrook [2]	12	13	Nor.	Fern Line	Manila, P. I.	Norfolk, Va.	General	7,272
Loriga [2]	13	14	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Liverpool, Eng.	General	8,234
Antofagasta	13	13	Chile.	Chile-N. Amer. Line.	Mollendo, Peru	New York, N. Y.	Nit. ores	5,233
Samuel Bakke [2]	13	13	Nor.	Knutsen Line	N.Westm'er, B.C.	Belfast, Ireland	General	7,489
Atlas	13	14	Ger.	North German Lloyd.	Champ'ico, Guat.	Hamburg, Ger.	General	1,811
Cheyenne [1] [2]	14	14	Brit.	Standard Oil of N. J.	El Segundo, Calif.	Dublin, I. F. S.	Gasoline	12,784
Lillian Luckenbach.	14	14	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	Gen., lumber	8,862
Selma City	14	14	Amer.	Isthmian S. S. Lines	N.Westm'er, B.C.	Avonm'th, Eng.	General	8,192
Modavia [2]	14	14	Brit.	Donaldson Bros.	Victoria, B. C.	Glasgow, Scotland	General	5,908
Kentuckian	14	14	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	5,892
Virginia	14	15	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,123
Munchen [2]	14	16	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	7,083
Nuevo Panama [2]	15	16	Pan.	Elliot Ship. & Land Co.	El Real, R. P.	Cristobal, C. Z.	Bananas	159
Henry D. Whiton.	14	15	Amer.	Dutton Lumber Co.	Pt. Gamble, Wash	Po'keepsie, N. Y.	Lumber	5,285
Solna [1]	15	15	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	6,977
Michael J. Goulindris.	15	15	Greek.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,571
Santa Inez [2]	15	15	Amer.	Grace Line	Antof'gasta, Chile	New York, N. Y.	General	3,373
Virgilio [2]	15	16	Ital.	Soc. Italia	Valparaiso, Chile.	Genoa, Italy	General	2,372
Calmar	15	15	Amer.	Calmar S. S. Corp.	Aberdeen, Wash.	Baltimore, Md.	([15])	5,483
Sun [1] [2]	15	15	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,414
Mauna Loa	15	15	Amer.	Matson S. S. Co.	Hawaiian Is.	New York, N. Y.	([16])	6,837
Sambu [2]	15	16	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	20
Sona [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Pereira	15	21	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,070
San Anselmo	16	16	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Gen., lumber	8,207
Jane II [2]	16	20	Amer.	Wm. W. Fitler	Los Angeles, Cal.	Philadelphia, Pa.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [12] Cruiser. [13] For bananas and return to Cristobal.
[14] Asphalt, sulphur. [15] Lumber, iron ore. [16] Sugar, pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Washington	15	16	Amer.	Weyerhaeuser S. S. Co.	Portland, Oreg.	Trenton, N. J.	Lumber, gen.	7,976
Hanley	16	16	Amer.	Weyerhaeuser S. S. Co.	Everett, Wash.	Portsmouth, R. I.	Lumber, gen.	10,864
Hadleigh	16	17	Brit.	Anglo-Can. S. S. Co.	N.Westm'er, B.C.	Liverpool, Eng.	Lum., lead.	9,420
Ger-Y-Bryn	16	17	Brit.	Anglo-Can. S. S. Co.	Crofton, B. C.	Newcastle, Eng.	Lum., lead.	6,717
Spencer Kellogg [1]	16	17	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,690
Vagabondia [2] [6]	17	18	Amer.	W. L. Mellon	Los Angeles, Cal.	Miami, Fla.	Ballast	.....
Chastine Maersk [2]	17	17	Dan.	A. P. Moller	Iloilo, P. I.	New York, N. Y.	([16])	7,450
Bordeaux Maru	17	19	Jap.	"K" Line	Tsingtao, China	New Orleans, La.	([17])	5,082
Mallard [4]	18	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Anglo Canadian	17	18	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	Lumber	9,000
Jacob Luckenbach	17	18	Amer.	Luckenbach Line	Seattle, Wash.	Mobile, Ala.	General	5,345
Telde	18	18	Hond.	United Fruit Co.	Los Angeles, Cal.	Mobile, Ala.	Bananas	450
Lewis Luckenbach	18	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	12,200
Charles R. McCormick.	18	18	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber	8,356
Sapporo Maru [2]	15	18	Jap.	Nippon Suisan Kaisha	Tobata, Japan	Vera Cruz, Mex.	Ballast	.....
Ino [2]	18	19	Neth.	Royal Neth S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, skins.	491
Torvanger	18	18	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [15]	Nitrates	10,175
Enoch	18	19	Pan.	Percy Hooper	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Chilore	19	19	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Oregon [2]	19	20	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	Lumber, gen.	9,425
Hopestar	19	19	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nitrates	8,970
Amagisan Maru [2]	19	19	Jap.	Mitsui Bussan Kaisha.	Manila, P. I.	New York, N. Y.	General	6,710
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	647
Salvestria [13]	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	([18])	6,850
Satsa	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Shusa	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Sluga	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Hav	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Sarna	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Bouvet 4	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Sabra	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Sukha	19	20	Brit.	Chr. Salvesen & Co.	South Georgia	Europe	Ballast	.....
Cerigo	19	21	Ger.	Hamburg-Amer. Line.	Guayaquil, Euca.	Cristobal, C. Z.	([19])	1,062
Marianne	19	19	Nor.	Grace Line	Pisco, Peru	New York, N. Y.	Copper, gen.	2,261
Goslar	19	20	Ger.	North German Lloyd.	Sydney, Aust'lia.	Baltimore, Md.	Ore, flour, gen	7,428
Maria Cristina [2]	18	19	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([20])	90
Baron Dalmeny	19	20	Brit.	H. Hogarth & Sons	Nauru Island	United Kingdom.	Phos. of lime	5,725
Cacique	20	20	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	Copper, gen.	2,556
Thistlegarth	20	20	Brit.	Canadian Transp. Co.	N. Westm'er, B.C.	Liverpool, Eng.	Lum., lead.	7,504
Washingtonian	20	20	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	9,003
President de Vogue. [1] [2]	20	20	Nor.	Cia. des Produits Chimiques.	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,755
Baarn	20	20	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,474
Canada [2]	20	21	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	([21])	8,069
Sirocco [2]	20	...	Amer.	S. H. Sullivan	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Texas [14]	19	21	Amer.	U. S. Navy	Los Angeles, Cal.	Norfolk, Va.	.....	.....
Nako Maru [2]	20	21	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,557
Orduna	21	22	Brit.	Pacific Steam Nav. Co.	SanAntonio, Chile	Liverpool, Eng.	General	6,106
Nebraskan	20	21	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,784
Leme [2]	21	22	Ital.	Italia	Vancouver, B. C.	Genoa, Italy	General	5,403
Kiyokawa Maru [2]	20	21	Jap.	Kawasaki K. Kaisha.	Dairen, China	Baltimore, Md.	General	5,176
FramlingtonCourt	21	22	Brit.	Seaboard Lum. Sales.	Vancouver, B. C.	Newark, N. J.	Lumber	6,642
Santa Elena	21	22	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	2,504
Steel Maker	21	22	Amer.	Isthmian S. S. Lines.	Kahului, T. H.	Baltimore, Md.	([22])	8,410
President Lincoln.	22	22	Amer.	Dollar Line	Manila, P. I.	Boston, Mass.	Wood oil, gen	7,320
Pennmar	21	22	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber, ore.	6,639
Baru [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	93
Frida	22	22	Dan.	West Coast Line	Arica, Chile	New York, N. Y.	General	2,358
Oliver Olson	17	...	Amer.	Siegfried Olsen Co.	Seattle, Wash.	Freeport, Tex.	Ballast	.....
Acajutla	22	27	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	717
Pacific Pioneer [2]	22	22	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scotland	General	8,724
City of Elwood [2]	22	23	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,138
Sambu [2]	22	23	Pan.	Espinosa y Cola	Darien, R. P.	Cristobal, C. Z.	Bananas	10
Real [2]	22	23	Pan.	Mendizabal Mudarra.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Benvenue	22	23	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Grangem'th, Scot.	([23])	7,756
Ruhr [2]	22	25	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,005
West Camargo	23	23	Amer.	McCormick S. S. Co.	Seattle, Wash.	Buenos Aires, Arg.	Lumber, gen.	7,005
Santa Clara	22	24	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	5,456
D. G. Scofield [1]	22	23	Amer.	Standard Oil of Cal.	S. Francisco, Cal.	Baltimore, Md.	Asphalt	10,970
Ceres	22	23	Neth.	Royal Neth S. S. Co.	Callao, Peru	Liverpool, Eng.	General	4,305
Hindanger [2]	23	23	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth	([21])	7,295
Scottish Castle [1]	23	23	Brit.	Standard Oil of N. J.	Talara, Peru	Montreal, Canada	Crude oil	10,155
Doric Star	23	23	Brit.	Blue Star Line	Wellington, N. Z.	London, England.	Frozen, gen.	8,060
Celtic Monarch	23	24	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England.	Lumber, gen.	8,200
Horace Luckenbach.	23	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,986

[1] Tanker. [2] Motor ship. [4] Tug. [6] Yacht. [13] Whaler. [14] Battleship. [15] For orders. [16] Sugar, chrome ore. [17] Peanut oil, general. [18] Sperm whale oil. [19] Coffee, nuts, general. [20] Lumber, plantains. [21] Wheat, lumber, general. [22] Sugar, pineapples. [23] Lumber, lead, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Viking	23	24	Amer.	Estate of Geo.F.Baker	Honolulu, T. H.	N. London, Conn.	Ballast	.....
Lochkatrine [2]	23	24	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Lumber, gen.	9,681
Ardenvohr [2]	23	24	Brit.	Trinder,Anderson&Co	Pagoum'ne,Soc.I.	Philadelphia, Pa.	Chrome ore	8,550
El Aleto [1] [2]	24	24	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Ellesm're Pt.,Eng	Crude oil	10,587
Eleonora Maersk. [1] [2]	24	24	Dan.	Shell Oil Co	Los Angeles, Cal.	Curacao, N. W. I.	([15])	15,795
Edward Luckenbach.	24	24	Amer.	Luckenbach Line	Seattle, Wash	Philadelphia, Pa.	Lumber, gen.	7,337
Thalatta [2]	24	24	Nor.	Wilhelmsen Line	Rashin	Lands End [14]	Soy beans	9,000
Pan Europe [1] [2]	24	24	Nor.	Huasteca Pet. Co	Talara, Peru	Aruba, N. W. I.	([16])	14,198
Ville de Strasbourg.	25	25	Fr.	Messageries Marit'es.	Noumea,N.Caled	Marseilles, Fr.	([17])	4,942
Sea Thrush	24	25	Amer.	Shepard S. S. Co.	Portland, Oreg.	Albany, N. Y.	Lumber, gen.	6,366
San Pedro	24	26	Fr.	French Line	N.Westm'er,B.C.	Le Havre, France	Lumber, gen.	6,884
Istmo	25	26	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	656
Cachalot [7]	25	...	Amer.	U. S. Navy	San Diego, Calif.	N. London, Conn.	.....	.....
Trois Ilets	25	26	Fr.	French Line	Manta, Ecuador.	Cristobal, C. Z.	Coffee, gen.	353
San Bernardino	25	25	Amer.	Quaker Line	Astoria, Oreg	Philadelphia, Pa.	Lumber, gen.	7,166
San Clemente	25	25	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,995
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	([15])	523
Portmar	25	25	Amer.	Calmar S. S. Corp.	Portland, Oreg.	Philadelphia, Pa.	Lumber	7,415
Nevadan	25	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass.	General	8,377
Luna [2]	25	28	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([19])	10
Chattanooga City	25	26	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Philadelphia, Pa.	Sugar	8,458
Mallard [4]	26	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Lapwing [4]	26	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Camden [1]	26	26	Amer.	Shell Oil Co	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	8,587
Cali	26	28	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	([20])	1,242
Baru [2]	26	27	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
St. Mihiel [8]	25	26	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Supplies	186
Point Palmas	26	26	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama C'y, Fla.	Lumber, gen.	6,044
Tai Ping [2]	26	27	Nor.	Barber-Wilhelmsen.	Davao, P. I.	New York, N. Y.	General	700
Nordhavet [2]	26	26	Dan.	Joh. Bruhn & Co	Bais, P. I.	Cape Hatteras [14]	Sugar	7,750
Tuira [2]	26	27	Pan.	La Ffargue Bros	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Sambu [2]	26	27	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	8
Svealand [2]	27	27	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Oakland [2]	27	27	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	([21])	7,732
Elbe [2]	26	28	Ger.	North German Lloyd.	N.Westm'er,B.C.	Hamburg, Ger.	General	7,875
Columbian	27	27	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,517
Cairo [2]	27	27	Ger.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Hamburg, Ger.	Lum., zinc	6,400
Dunelmia	27	28	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lum., pulp	7,258
Arkansan	27	28	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Gen., lumber	8,600
Sedgepool	27	28	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber	7,350
Pomona	28	28	Amer.	Weyerhaeuser S.S. Co.	Portland, Oreg.	Baltimore, Md.	([22])	9,875
Balboa [2]	28	29	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	8,006
California	28	29	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,588
S-30 [7]	28	...	Amer.	U. S. Navy	Honolulu, T. H.	N. London, Conn.	.....	.....
S-1 [7]	28	...	Amer.	U. S. Navy	Honolulu, T. H.	N. London, Conn.	.....	.....
Sambu [2]	29	30	Pan.	Antonio Valdes	Darien, R. P.	Cristobal, C. Z.	Bananas	17
Soloy [2]	28	29	Nor.	Canada Gulf Line	Powell Riv., B. C.	Houston, Tex.	Lum., paper.	5,866
Almirante [2]	29	3	Pan.	E. J. Hooper	Panama, R. P.	Colon, R. P.	Ballast	.....
Nuevo Panama [2]	29	30	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Sona [2]	29	30	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Temple Bar	29	29	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Eg'pt	Nitrates	7,790
Nokomis [13]	27	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Rita [2]	29	29	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,278
Norbris [1] [2]	29	29	Pan.	Drewry-Paris	LaLibertad,Ecua.	Donges, France	Crude oil	12,437
Artemisia	29	30	Brit.	Henry M. Thomson	Manila, P. I.	New Orleans, La.	Sugar	9,300
Anubis [2]	29	1	Ger.	Hamburg-Amer. Line.	Dairen, China	Philadelphia, Pa.	General	6,285
Fernmoor [2]	30	30	Nor.	Fern Line	Pt. Holland, P. I.	Wilmington,N. C.	General	7,333
Kansan	30	30	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,293
Dorothy Cahill [2]	30	30	Amer.	Arrow Line	So. Bend., Wash.	Baltimore, Md.	Lumber	6,590
American Robin	30	30	Amer.	Amer.-For. S. S. Corp.	Olympia, Wash.	New York, N. Y.	Lumber	6,836
Heranger [2]	30	30	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Lumber, gen.	6,854
Arica	30	1	Fr.	French Line	Valparaiso, Chile.	Le Havre, France	General	7,649
Clio [1] [2]	30	1	Pan.	Standard Oil of N. J.	Talara, Peru	Le Havre, France	Crude oil	12,196
Mayan	1	4	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,540
San Felipe	1	1	Amer.	States S. S. Co.	Los Angeles, Cal.	Philadelphia, Pa.	General	7,131
F. J. Luckenbach.	1	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,842
Glittre [1] [2]	1	1	Nor.	P. Smedvig	Los Angeles, Cal.	Curacao, N. W. I.	Kerosene	9,420
Amerikaland [2]	1	2	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,330
Canada [2]	2	2	Dan.	East Asiatic Co.	N.Westm'er,B.C.	Copenhagen,Den.	General	9,946
Port Hunter	1	3	Brit.	Port Line	N. Plym'th, N. Z.	London, England	Frozen, gen.	6,413
Kongo Maru. [2]	1	2	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	6,735
Hokuroku Maru [2]	1	2	Jap.	Osaka Shosen Kaisha.	Pulupandan, P. I.	Baltimore, Md.	General	6,452
Ino [2]	2	3	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	515

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [8] Transport. [13] Survey ship. [14] For orders. [15] Kerosene, gas oil. [16] Naphtha, refined oil. [17] Copra, coffee, general. [18] Coffee, hides, tagua. [19] Plantains, lumber. [20] Cocoa, coffee, hides. [21] Wheat, lumber, general. [22] Lumber, wood pulp.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
General M. H. Sherman.	2	2	Amer..	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar, gen...	7,205
Lochmonar [2]	30	3	Brit...	Royal Mail Lines	Victoria, B. C.	London, England	Lumber, gen.	9,858
Amasis	2	2	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	General	8,130
Luna [2]	2	2	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([15])	47
Eastern Glade	2	3	Amer..	Twin Harb. Lum. Co..	Aberdeen, Wash..	Pt. Newark, N. J.	Lumber	5,021
Lobos [2]	2	4	Brit...	Pacific Steam Nav. Co.	Talcahuano, Chile	Hull, England	General	8,380
Istmo	3	5	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z...	Coffee	649
Manizales	3	11	Ger...	Hapag-Lloyd	Guayaquil, Ecua.	Cristobal, C. Z...	([17])	1,086
Queen Anne [2]	3	4	Brit...	Anglo-Can. S. S. Co...	Vancouver, B. C.	London, England	Lumber	7,951
Heinrich V. Riedemann. [1] [2]	3	3	Pan...	W. Tankschiff Rhed'i.	Talara, Peru	S'ampton, Eng..	Crude oil	16,780
Point Chico	3	3	Amer..	Swayne & Hoyt	Portland, Oreg...	Tampa, Fla	General	4,530
Trois Ilets	3	...	Fr....	French Line	B'ventura, Col...	Cristobal, C. Z...	Coffee	335
Maracay [1]	30	3	Brit...	Lago Shipping Co	Balboa, C. Z.	Cristobal, C. Z...	Ballast	.....
Niki No. 2 [13]	3	11	Amer..	W. F. Daniels	Balboa, C. Z.	Cristobal, C. Z...	Ballast	.....
Riche [5]	3	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z...	Ballast	.....
Peter Maersk	3	5	Dan...	Maersk Line	Manila, P. I.	New York, N. Y.	General	6,213
Tahoe [14]	30	6	Amer..	U. S. Navy	Oakland, Calif...	N. Bedford, Conn.	.....	.....
Ravnaas [2]	4	4	Nor...	Anglo-Can. S. S. Co..	N.Westm'er, B.C.	Glasgow, Scotland	Lumber	6,000
Kotoku Maru [2]	3	4	Jap...	Heroumi Shoji K. K..	Iloilo, P. I.	New York, N. Y.	Sugar, silk...	9,150
Killerig	2	4	Pan...	Merrit-Chap.-Lindsay	Neg. Rocks, Col..	Jamaica, B. W. I.	Ballast	.....
Indra [2]	4	4	Nor...	Knut Knutsen	Valparaiso, Chile.	Goth'burg, Swed.	Copper, sulp.	6,968
Nitro	1	6	Amer..	U. S. Navy	San Diego, Calif..	Norfolk, Va	Navy stores.	1,150
Cressida [2] [6]	2	5	Amer..	George Vanderbilt	New York, N. Y.	New York, N. Y.	Ballast	.....
Texmar	4	5	Amer..	Calmar S. S. Corp	Tacoma, Wash..	New York, N. Y.	Lumber	7,611
Elwood [2]	5	5	Amer..	Shell Oil Co	Los Angeles, Cal.	Fall River, Mass.	Gasoline	9,785
Skrim	5	5	Nor...	S. S. Owners Oper. Co.	Portland, Oreg...	Savannah, Ga	Ballast	.....
Steel Age	5	5	Amer..	Isthmian S. S. Lines	Seattle, Wash....	Baltimore, Md...	Ore, lumber.	9,233
Herman F. Whiton	5	5	Amer..	Dutton Lumber Corp.	Tacoma, Wash...	Po'keepsie, N. Y.	Lumber	7,300
Sonnavind [2]	5	6	Nor...	Kawasaki Kisen K.	Manila, P. I.	Philadelphia, Pa.	General	5,359
Santa Rosa	5	6	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,077
Izgled	5	6	Y.-Slav	Chile Nit. Sales Corp.	Iquique, Chile	Azores [16]	Nitrates	7,150
Den Haag [1] [2]	5	6	Neth..	Standard Oil of N. J.	Talara, Peru	Rotterdam, Neth.	Naphtha	11,500
West Cape	5	6	Amer..	McCormick S. S. Co..	Tacoma, Wash...	Baltimore, Md...	Lum., paper.	7,550
Rhein [2]	6	7	Ger...	Hamburg-Amer. Line.	Iloilo, P. I.	Eastcoast, U. S. [16]	Sugar	8,500
Salvador	6	13	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z...	Coffee, gen..	647
Mathew Luckenbach.	6	6	Amer..	Luckenbach-Gulf Co.	Portland, Oreg...	Mobile, Ala	General	5,336
Gothic Star	5	6	Brit...	Blue Star Line	Vancouver, B. C.	Newcastle, Eng..	General	7,500
Sambu [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z...	Bananas	21
Sona [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z...	Bananas	37
Falsterbo [2]	6	7	Swed..	Anglo-Can. S. S. Co...	Vancouver, B. C.	Boston, Mass.	Lumber	5,480
Cissy	7	7	Nor...	Grace Line	Callao, Peru	Baltimore, Md...	Zinc concen.	3,620
Luceric	6	7	Brit...	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Eg'pt	Nit. of soda.	10,400
Magnolia [1]	6	7	Amer..	Socony-Vac. Oil Co...	Los Angeles, Cal.	Paulsboro, N. J..	Gasoline	14,359
Abraham Lincoln [2]	6	8	Nor...	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,034
Sanyo Maru [2]	6	8	Jap...	Osaka Shosen Kaisha.	Cebu, P. I.	Baltimore, Md...	General	6,969
Pacific Ranger [2]	7	7	Brit...	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scotland	General	8,460
Mercury Sun [1] [2]	7	7	Amer..	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	13,587
Dusseldorf [2]	6	8	Ger...	North German Lloyd.	Coral, Chile	Hamburg, Ger...	Ore, cot., gen.	5,868
Remuera	6	7	Brit...	N. Z. Shipping Co	Wellington, N. Z.	London, England	Frozen, gen..	4,312
Santa Barbara [2]	7	8	Amer..	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,338
Cuttlefish [7]	7	...	Amer..	U. S. Navy	San Diego, Calif.	N. London, Conn.	.....	.....
Wanderer	7	...	Amer..	G. H. Walter	Balboa, C. Z.	Cristobal, C. Z...	Ballast	.....
Bolton Castle	7	8	Brit...	Chile Nit. Sales Corp	Antof'gasta, Chile	Azores [16]	Nitrates	8,580
Canadian Constructor.	7	8	Brit...	Mont.-Aust.-N.Z. Line	Brisbane, Aus'lia.	Montreal, Canada	General	5,873
Bonita [2]	8	8	Nor...	C. H. Sorensen	Tacoma, Wash...	Cape Town, Af'ca	Lumber	4,000
L. A. Christensen [2]	8	8	Nor...	Anglo-Can. S. S. Co...	Pt. Alberni, B. C.	Hoboken, N. J.	Lumber	6,300
Santore	8	8	Amer..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	11,000
San Diego	8	9	Fr....	French Line	N.Westm'er, B.C.	Havre, France	General	6,747
Dorothy Luckenbach.	8	8	Amer..	Luckenbach Line	Portland, Oreg...	Boston, Mass.	Lumber, gen.	7,846
Trimountain [1]	8	8	Amer..	Shell Oil Co	Los Angeles, Cal.	Fall River, Mass.	([18])	9,184
Point Ancha	8	9	Amer..	Calmar S. S. Corp	Olympia, Wash..	New York, N. Y.	Lumber	5,956
El Ciervo [2]	8	9	Brit...	C. T. Bowring & Co...	Lobitos, Peru	Donges, France..	Crude oil	8,142
Arizonan	9	9	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass.	Gen., lumber	6,274
Isthmian	9	9	Amer..	Amer.-Hawaiian Line.	Everett, Wash...	Baltimore, Md...	General	9,865
Clio [2]	9	10	Neth..	Royal Neth. S. S. Co..	Guayaquil, Ecua.	Cristobal, C. Z...	([19])	546
Jomar	9	9	Amer..	Weyerhaeuser S. S. Co	Los Angeles, Cal.	Newark, N. J.	([20])	6,569
Reaper [1]	9	10	Amer..	The Texas Co	Los Angeles, Cal.	Norfolk, Va	([21])	8,412
Edgehill	9	9	Amer..	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	([22])	8,715
Luna [2]	9	9	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([23])	16
Southern Sun [1] [2]	9	10	Amer..	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	13,498
Missourian [2]	9	10	Amer..	Amer.-Hawaiian Line.	Bell'ham, Wash..	Boston, Mass.	Gen., lumber	9,400
Nuevo Panama [2]	9	11	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z...	Bananas	93

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [7] Submarine. [13] Motor boat. [14] Coast Guard cutter. [15] Lumber, plantains. [16] For orders. [17] Coffee, cocoa, general. [18] Gasoline and kerosene. [19] Cacao, hides, coffee. [20] Lumber, lead scrap. [21] Gasoline, crude oil. [22] Sugar, copra, lumber. [23] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Brimanger [2]	9	10	Nor...	Interocean S. S. Co...	Los Angeles, Cal.	Havre, France...	Wheat, gen..	6,740
Falkefjell [1 2]	9	10	Nor...	Anglo-Saxon Pet. Co..	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil.....	11,258
Scottsburg	10	10	Amer..	Lykes Bros.-Ripley...	Manila, P. I.....	New Orleans, La.	([13])	8,912
Istmo	10	11	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z...	Coffee, gen..	648
Manizales	10	11	Ger...	Hapag-Lloyd	Puntarenas, C. R.	Cristobal, C. Z...	Coffee	826
Durazzo	10	13	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z...	Coffee, gen..	1,330
Hopecastle [2]	10	10	Brit...	N. Pac. Coast Line...	Vancouver, B. C.	Durban, Africa..	Timber, gen.	7,600
Shohei Maru [2]	10	10	Jap...	Mitsui & Co	Iloilo, P. I.	New York, N. Y.	Sugar, gen...	7,261
Miralda [1 2]	10	10	Neth..	Anglo-Saxon Pet. Co..	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline....	11,668
Dora [1]	10	10	Amer..	U. S. Tankship Corp..	Pt. Allen, T. H...	New Orleans, La.	Molasses....	9,190
Tuira [2]	10	11	Pan...	Laffargue Bros	Darien, R. P.	Cristobal, C. Z...	Bananas....	71
Sambu [2]	9	11	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z...	Bananas....	20

[1] Tanker. [2] Motor ship. [13] Sugar, copra, hemp.

Commercial Traffic Through the Panama Canal During Fiscal Year 1937

Segregation of the ocean-going traffic through the Canal during the fiscal year 1937, by nationality, is presented in the following table:

TRAFFIC THROUGH THE PANAMA CANAL DURING FISCAL YEAR 1937 BY NATIONALITY OF VESSELS

Nationality	No. of ships	TONNAGE				Tolls	Tons of cargo
		Panama Canal net	United States equivalent	Registered gross	Registered net		
Argentine	1	.....	.....	.....	.....	$1,186.00	.....
British	1,385	7,647,363	5,429,639	9,051,622	5,476,056	6,511,158.05	7,179,136
Chilean	23	83,175	64,077	116,045	68,316	79,403.70	94,721
Chinese	7	29,306	24,227	37,586	23,277	27,569.06	32,942
Colombian	1	1,629	1,274	.....	.....	1,172.88	.....
Costa Rican	1	337	290	483	299	362.50	214
Cuban	2	.....	.....	.....	.....	1,080.00	.....
Danish	189	825,255	532,990	904,465	548,292	638,128.19	757,379
Estonian	8	23,868	22,216	31,544	22,614	22,367.28	22,390
Finnish	1	2,865	2,489	3,939	2,353	3,111.25	4,920
French	100	570,198	378,515	694,077	384,164	465,523.78	542,539
German	332	1,339,699	909,881	1,583,647	936,582	1,126,447.06	1,496,084
Greek	72	320,894	243,042	369,825	228,838	287,501.28	429,913
Honduran	32	49,832	44,246	81,226	46,102	45,593.27	11,626
Hungarian	1	4,001	2,475	3,938	2,468	2,880.72	.....
Italian	46	330,223	201,157	389,585	231,539	247,883.06	132,010
Japanese	282	1,633,150	1,207,524	1,940,096	1,202,252	1,505,145.32	1,789,178
Latvian	4	11,080	8,774	12,816	7,500	9,077.15	9,900
Mexican	1	.....	.....	.....	.....	595.50	.....
Netherland	221	806,948	552,228	927,613	552,218	652,246.71	700,725
Norwegian	674	3,285,362	2,224,888	3,700,683	2,218,683	2,604,539.06	3,506,109
Panamanian	184	536,613	406,036	726,045	404,119	464,618.86	627,182
Peruvian	9	8,200	7,395	10,775	5,845	10,399.75	5,937
Philippine	3	19,110	13,903	21,856	13,833	17,378.75	31,681
Polish	1	563	535	1,561	525	405.36	.....
Spanish	12	49,495	42,105	68,827	41,309	42,583.80	36,102
Swedish	108	514,446	353,486	939,747	430,737	407,185.83	775,800
Union of Soviet Socialist Republics	1	4,339	3,592	6,236	3,676	3,124.08	.....
United States	1,670	9,333,078	6,512,350	10,873,388	6,404,032	7,868,431.26	9,844,254
Venezuelan	4	4,324	4,232	8,168	4,320	4,181.40	3,724
Yugo Slav	12	56,269	43,637	69,507	43,417	50,856.21	73,909
Total, fiscal year 1937	5,387	27,491,622	19,237,203	32,575,300	19,303,366	23,102,137.12	28,108,375
Total, fiscal year 1936	5,382	28,024,417	19,481,311	33,130,259	19,643,946	23,479,114.21	26,505,943
Total, fiscal year 1935	5,180	27,805,588	19,428,658	33,013,356	19,609,276	23,307,062.93	25,309,527

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons and over, Panama Canal measurement, and foreign naval vessels of 500 tons displacement and over.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of $0.50 per ton displacement. Included in the preceding

tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels of 500 tons displacement and over which transited the Canal during the fiscal year 1937 and paid tolls on the basis of displacement, as follows:

Nationality	No. of transits	Displacement tonnage	Tolls
Argentine	1	2,372	$1,186.00
British	9	38,455	19,227.50
Cuban	2	2,160	1,080.00
Japanese	4	41,273	20,636.50
Mexican	1	1,191	595.50
Peruvian	4	2,312	1,156.00
Total	21	87,763	$43,881.50

Directory of The Panama Canal

Executive Department

Headquarters, Balboa Heights

Col. C. S. Ridley, U. S. A., Governor.
E. A. Erbe, Administrative Assistant to the Governor.
L. A. Poltrino, Secretary.
C. A. McIlvaine, Executive Secretary.
C. M. Lupfer, Chief Clerk, Executive Office.
Guy Johannes, Chief, Police and Fire Division.
C. H. Calhoun, Chief, Division of Civil affairs.
B. M. Williams, Superintendent, Division of Schools.
Seymour Paul, Chief Personnel Officer, Division of Personnel Administration.
E. F. Attaway, General Secretary, Bureau of Clubs and Playgrounds.
F. H. Wang, General Counsel, The Panama Canal.
N. A. Becker, Land Agent and Assistant Counsel, Ancon.
R. W. Glaw, Paymaster.
A. H. Mohr, Collector.

Department of Operation and Maintenance

(Under immediate direction of the Governor as head of the department)

Headquarters, Balboa Heights

Col. G. E. Edgerton, U. S. A., Engineer of Maintenance.
J. G. Claybourn, Superintendent, Dredging Division, Gamboa.
Leonard Foote, Assistant Superintendent, Dredging Division, Gamboa.
Lt. Col. W. D. Styer, U. S. A., Assistant Engineer of Maintenance.
E. S. Randolph, Designing Engineer, Special Engineering Section.
A. C. Garlington, Electrical Engineer, Electrical Division.
G. W. Green, Municipal Engineer, Municipal Engineering Division.
L. B. Moore, Office Engineer.
E. D. Stillwell, Superintendent, Locks Division, Pedro Miguel.
R. Z. Kirkpatrick, Chief of Surveys.
Capt. W. F. Jacobs, U. S. N., Marine Superintendent, Marine Division.
Comdr. J. G. Moyer, U. S. N., Captain of the Port, Cristobal.
Comdr. B. J. Rodgers, U. S. N., Captain of the Port, Balboa.
F. de V. Sill, Director of Admeasurement.
Lt. H. C. Patton, U. S. N., Assistant to Marine Superintendent.
Board of Local Inspectors, Comdr. J. G. Moyer, U. S. N., *Chairman*, Comdr. B. J. Rodgers, U. S. N., and Lt. H. C. Patton, U. S. N., members.
Board of Admeasurement, Capt. W. F. Jacobs, U. S. N., *Chairman*, F. de V. Sill, Balboa Heights, F. E. Williams, Cristobal, E. Stetler, Balboa, members.
J. J. Walker, Recorder for Board of Local Inspectors and Board of Admeasurement.
Oscar Maessen, Inspector of Hulls and Boilers.
G. W. Penseyres, Pilot in Charge, Lighthouse Subdivision, Gatun.
Capt. E. R. Norton, U. S. N., Acting Superintendent, Mechanical Division, Balboa.
H. H. Evans, Assistant Superintendent, Mechanical Division, Balboa.
Lt. Dale Quarton, U. S. N., Assistant to the Superintendent, Mechanical Division, Balboa.
W. H. Stone, Production Superintendent, Cristobal Shops, Cristobal.

Supply Department

Headquarters, Balboa Heights

R. R. Watson, Chief Quartermaster.
J. H. K. Humphrey, 1st Asst. Chief Quartermaster.
L. W. Lewis, 2d Asst. Chief Quartermaster.
Samuel Grier, Superintendent, Animal and Motor Transportation Division.
W. R. Lindsay, Acting Director, Canal Zone Experimental Gardens, Summit.
J. E. Higgins, Consultant, Canal Zone Experiment Gardens, Balboa Heights.
J. M. King, District Quartermaster, Ancon-Balboa, Balboa Heights.
C. Peters, District Quartermaster, Cristobal-Gatun, Cristobal.
B. T. Carr, District Quartermaster, Pedro Miguel.
J. E. Lewis, Manager, Hotel Tivoli, Ancon.
D. J. Hendrick, Manager, Hotel Washington, Cristobal.
A. W. Goulet, General Manager, Commissary Division, Mt. Hope (P. R. R.).
F. E. Powell, Constructing Quartermaster.
E. H. Parmelee, General Storekeeper, Balboa.
T. A. Aanstoos, Printer, Panama Canal Press, Mt. Hope.

Accounting Department

Headquarters, Balboa Heights

W. H. Kromer, Comptroller, The Panama Canal.
Arnold Bruckner, Assistant Comptroller on the Isthmus.
C. F. Chase, Chief Accountant.
T. M. Drake, Chief Examiner.
H. H. Hudson, Claim Officer.
J. R. Bobbitt, Railroad Accountant.

Health Department

Headquarters, Balboa Heights

Col. H. C. Pillsbury, U. S. A., Chief Health Officer.
Dr. D. P. Curry, Assistant Chief Health Officer.
Dr. O. E. Denney, U. S. P. H. S., Chief Quarantine Officer.
Col. W. H. Richardson, U. S. A., Superintendent, Gorgas Hospital, Ancon.
Maj. B. H. Olmsted, U. S. A., Acting Superintendent, Colon Hospital, Cristobal.
Capt. E. B. Litteral, U. S. A., Acting Superintendent, Corozal Hospital, Corozal.
Dr. J. C. Ellington, Health Officer of Panama City, Ancon.
Dr. J. L. Byrd, Health Officer of Cristobal-Colon, Cristobal.
Dr. Philip Horwitz, Acting Quarantine Officer, Cristobal.
Dr. J. D. Odom, Quarantine Officer, Balboa.

Wage and Complaints Boards

Balboa Heights

Wage Board:
Lt. Col. W. D. Styer, representing The Panama Canal.
C. F. Wahl, representing employees.
Complaints Board:
Lt. Col. W. D. Styer, and Head of Department or Division interested, representing The Panama Canal.
C. F. Wahl, representing employees.

The Panama Canal in the United States

New address, 1435 K Street, N. W., Washington, D. C.

H. A. A. Smith, Chief of Office and General Purchasing Officer.
F. B. Heimer, Assistant to the Chief of Office.
E. D. Anderson, Chief Clerk, Purchasing Department.
B. F. Burdick, Assistant Comptroller.
W. J. Sheridan, Assistant Purchasing Agent, 24 State St., New York, N. Y.
P. P. Greenwood, Inspecting Engineer, Washington, D. C.

Panama Railroad Company

Headquarters, Balboa Heights

Col. C. S. Ridley, U. S. A., President.
Col. G. E. Edgerton, U. S. A., Second Vice President.
C. T. Lindsay, General Manager.
E. D. Mason, Acting Assistant to the General Manager
F. H. Wang, Special Counsel.
J. O. Collins, Counsel.
J. H. Stilson, Jr., Acting Commercial Agent.
A. L. Prather, Receiving and Forwarding Agent, Cristobal.
P. L. Malone, Master of Transportation.
E. N. Stokes, Roadmaster.

Office in the United States, 24 State Street, New York City

T. H. Rossbottom, Vice President.
W. R. Pfizer, Assistant to Vice President and Secretary.
V. M. Newton, Treasurer.
G. L. Selkirk, Auditor.
W. K. B. Potts, Superintendent.
Wayne Johnson, General Counsel.
T. S. Sprague, Freight Traffic Manager.
A. M. Gibson, Passenger Agent.
W. J. Sheridan, Commissary Purchasing Agent.

Courts of Canal Zone

U. S. District Court:
C. E. Harwood, District Judge, Ancon.
J. J. Walker, Clerk of Court, Ancon.
C. T. McCormick, Jr., Deputy Clerk of Court, Cristobal.
J. J. McGuigan, District Attorney, Ancon.
J. E. Hushing, Canal Zone Marshal, Ancon.
Magistrates Courts:
P. E. Murray, Magistrate, Balboa.
E. I. P. Tatelman, Magistrate, Cristobal

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of July 9, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.14
Brass, sheet, average	Lb.	.26
Bronze, Tobin, average	Lb.	.18
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.28
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.29
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.12
Oil, marine engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.11
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

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